THE ACCOMPLISHED CHANGE MAKER

Website: https://www.detatilsciences.com LinkedIn: https://www.linkedin.com/in/stephen-widener-1a81b935

10079 Stedwick Road, Unit 86748 Gaithersburg, MD 20886 Phone: 202-240-2682 Email: slwidener1234@slwmail.com

APPLICATION INFORMATION¹

Citizenship Status: U.S. Citizen
Veteran Status and Preference: No
Work Preference: B2B Preferred (W2 is Acceptable)
Work Location: Remote, Hybrid, or Onsite
Relocation: Yes

Contents

| APPLICATION INFORMATION | 1 |
|--|----|
| PROFESSIONAL SUMMARY | 2 |
| SUMMARY OF SKILLS & COMPETENCIES | 2 |
| EDUCATION | 2 |
| The University of San Francisco, B.S. Applied Economics. | 2 |
| WORK EXPERIENCE | 3 |
| SENIOR RESEARCH CONSULTANT / ECONOMICS CONSULTANT – November 2015 to Present | 3 |
| Relevant Senior Research Consultant Expertise | 3 |
| SENIOR ECONOMIST, Consumer Price Index – January 2001 to July 2018 | 4 |
| Relevant Team Chair Expertise | 4 |
| Relevant Project Leader Expertise | 4 |
| Relevant Statistics and Economics Expertise | 5 |
| Relevant Detail Scientist (a.k.a. Early Data Science) Expertise | 5 |
| Relevant Data Engineering Expertise | 6 |
| Relevant Business and Data Analyst Expertise | 7 |
| Relevant Crisis Management Expertise | 8 |
| PERFORMANCE APPRAISALS AND AWARDS | 10 |
| PUBLICATIONS, PROFESSIONAL AFFILIATIONS, AND LANGUAGES | 12 |
| TRAVEL AND HOBBIES | 12 |

¹ This resume in its entirety is the Intellectual Property of Stephen Widener. In Keeping with the traditional legal rationales and precedents that have been set for intellectual property in the United States, all ideas, written text, concepts, techniques, and experiences narrated in this resume are the intellectual property of Stephen Widener, and therefore others are prohibited from using said intellectual property in part or in whole for any other reason other than to facilitate employment for Stephen Widener, which means that including this resume in a bid to obtain a government contract without Stephen Widener's written permission or without first hiring Stephen Widener is strictly prohibited; no exceptions.

THE ACCOMPLISHED CHANGE MAKER

Website: https://www.detatilsciences.com LinkedIn: https://www.linkedin.com/in/stephen-widener-1a81b935

10079 Stedwick Road, Unit 86748 Gaithersburg, MD 20886 Phone: 202-240-2682 Email: slwidener1234@slwmail.com

PROFESSIONAL SUMMARY

A strategic and meticulous professional with a background in research and data analysis. Demonstrated dedication. Proven ability to design and implement economic studies and data science models. Able to create real-world data methodologies that streamline processes and ensure optimal outcomes for organizational endeavors. Adept at working under duress and producing during a crisis. Collaborative leadership qualities with visionary insight. Capable of identifying opportunities, advocating for innovative strategies, and fostering teamwork to surpass established expectations.

SUMMARY OF SKILLS & COMPETENCIES

BUSINESS ANALYTICS TOOLS

PREDICTIVE ANALYSIS

Microsoft Access: Form, Reports, ODBC, VB Code SQL Server Software: Crescent / Denali / Power BI R, STATA, Python, SAS, SQL, NOSQL, SQL+, Oracle SQL Applied Economics | Big Data Research & Theory | Data Collection & Analysis | Data Warehousing & Model Building | SAS, SQL, NOSQL, SQL Plus | Sybase SQL, Oracle SQL | COGNOS Data Warehousing & Model Building | STATA & STAT Transfer | Regression & Heteroskedasticity | T-Score Formula Builds | Technology & Programming | Data Management

DATA VISUALIZATION & PROCESS MODELING

LEADERSHIP, JUNIOR STAFF TRAINING, and WRITING

Data Visualization | Report Writing | Requirements Writing Microsoft Access Form Building | Software Development Lifecycle Models | Embedded V-Basic / C / Code | Microsoft Project | Microsoft Visio | Microsoft Org Chart (Org Plus)

Training & Leadership | Course Building & Pop Quizzes |
Training Exercises Based on Real Data | Risk Management |
Over-the-Phone Technical Assistance & Teaching | Crisis
Management & Prevention

EDUCATION

The University of San Francisco, B.S. Applied Economics.

Relevant Coursework

Micro-Economics
Macro-Economics
Consumer Demographics & Behavior
Econometrics & Forecasting
Financial & Capital Markets

International Trade & Investments Financial Decision Making Research in Applied Economics Statistics

THE ACCOMPLISHED CHANGE MAKER

Website: https://www.detatilsciences.com LinkedIn: https://www.linkedin.com/in/stephen-widener-1a81b935

10079 Stedwick Road, Unit 86748 Gaithersburg, MD 20886

Phone: 202-240-2682 Email: slwidener1234@slwmail.com

WORK EXPERIENCE

SENIOR RESEARCH CONSULTANT / ECONOMICS CONSULTANT – November 2015 to Present Sterling Consulting Company, D.B.A. – Gaithersburg, MD

Participate in project initiatives for both governmental entities and commercial enterprises. These engagements entail enhancing processes by scrutinizing established protocols, assessing existing programs, and evaluating the data generated by such initiatives. Abilities relevant to this job description include, but are not limited to:

Relevant Senior Research Consultant Expertise

Proven ability to lead research projects while receiving instruction and guidance from stakeholders. Ability to complete work according to schedule and within budget, keep up constant communication, and present findings in a non-technical manner. Examples include:

- Conducted research for a stakeholder that analyzed single-family home prices within a Metropolitan Statistical Area. The
 project used the Census Bureau's American Housing Survey Dataset and Codebook:
 - Used StatTransfer to convert files into STATA 8 Statistical software dataset format; used the dataset's summary statistics to validate the data; and
 - Cleaned the dataset using the reference material in the Codebook and standard statistics concepts; and
 - Conducted statistical analysis involving multiple regression while observing resulting T-scores, variable significance and sign, and omitted variables; tested for heteroscedasticity and multicollinearity; and
 - Created a final mathematical model for predicting a house's sales price; validated the equation by plotting the model's fitted values against its actual values; and
 - Wrote the research report, created the visuals, and presented the results to the stakeholders.

Proven ability to train and tutor others in the use of analytical tools and research techniques. Expert ability to explain scientific concepts in easy-to-understand language and present metaphors that compare complex scientific concepts easily-understand real world examples. Ability to inspire, motivate, and entertain others as they learn new skills that they may find intimidating. Examples include:

Tutored professionals in multi-hour-long training sessions on IBM Cognos Analytics 12. IBM Cognos Analytics 12 is a web-based integrated business intelligence solution that provides a toolset for reporting, analytics, dashboarding, and monitoring of events and metrics. Cognos is also connected to IBM's famous Artificial Intelligence creation, Watson, and uses it to power the program's Artificial Intelligence abilities to automatic analytics observations and streamline the creation of visualization charts.

THE ACCOMPLISHED CHANGE MAKER

Website: https://www.detatilsciences.com LinkedIn: https://www.linkedin.com/in/stephen-widener-1a81b935

10079 Stedwick Road, Unit 86748 Gaithersburg, MD 20886

Phone: 202-240-2682 Email: slwidener1234@slwmail.com

SENIOR ECONOMIST, Consumer Price Index – January 2001 to July 2018 Bureau of Labor Statistics – Washington, D.C.

Provided outstanding leadership on multiple high-profile teams for many different Consumer Price Index projects. Led software development teams, economic research teams, operational teams, and data science teams. Provided strategic guidance and innovative creations aimed at fostering operational excellence for the Consumer Price Index. Created systems, programs and statistical methods and techniques designed to protect data quality, maintain data efficiency, and further technological advancements. Applied rigorous theoretical standards in all creations in order to ensure ongoing success with collected data. Abilities relevant to this job description include, but are not limited to:

Relevant Team Chair Expertise

Proven ability to chair entire teams and projects and excel at motivating others to accomplish team objectives in a collaborative manner. Examples include:

- Chaired the Geographic Design Research Team; team was tasked with identifying a new coding scheme for Consumer Price Index Primary Sampling Units.
- Chaired the Computer-Assisted Data Collection Development Team; team was responsible for conducting research to determine best solutions to improve software features and economic methods used to collect prices.
- Chaired the Consumer Price Index CorpX Big Data Project Team; team was responsible for implementing direct-fromdatabase pricing in data collection so that it could be compared to traditional field data collection.
- Chaired the Consumer Price Index SQL Development Team; the team was tasked with maintaining live-monitoring data science programs and training others on their use and understanding.
- Appointed as Lead Departmental Expert to the Consumer Price Index Corpx Big Data Project Oversight Group; functioned
 as a member of this matrix team tasked with performing statistical analysis on database-imported records to compare it to
 field-collected data.
- Appointed as Lead Departmental Expert to the Consumer Price Index Sample Refinement process; an address
 improvement process designed to ready data collection locations for more efficient data collection in the field.
- Appointed as Lead Departmental Expert to the Consumer Price Index Sample Maintenance System Team Oversight Group;
 tasked with overseeing improvements in the way Consumer Price Index data is sampled and prepared for use in the field.

Relevant Project Leader Expertise

Proven ability to excel as a Project Manager and Team Lead who streamlines processes, drives change, and spreadheads innovation. Examples include:

- Project management and team leadership for the CPI SQL Program Modernization Team tasked with converting all Sybase SQL programs to Oracle SQL.
- Project management and team leadership for the requirements-writing team for the Sample Maintenance System Release 2.0 Software Development Team that added "Orphan Processing" to the address refinement system.

THE ACCOMPLISHED CHANGE MAKER

Website: https://www.detatilsciences.com LinkedIn: https://www.linkedin.com/in/stephen-widener-1a81b935

10079 Stedwick Road, Unit 86748 Gaithersburg, MD 20886 Phone: 202-240-2682 Email: slwidener1234@slwmail.com

 Team leadership as the first and only non-manager ever to be appointed to a Senior Management Oversight Group tasked with keeping software development projects within budget and on time.

Relevant Statistics and Economics Expertise

Proven ability to support the evaluation, investigation, and analysis of market transformation strategies, including performing statistical analyses and model development. Examples include:

- As a member of the New Goods Initiative team, I was tasked with addressing concerns of "New Goods Bias and Substitution Bias" raised in the book At What Price written by the National Statistics Committee in cooperation with the Behavioral and Social Sciences and Education Commission. As a result of my individual efforts:
 - Created the process called Ranked Inclusion which was used to pick items to be included in a given Consumer Price Index Item Rotation sample as a result of changes in the marketplace. The process called for each item to be ranked according to economic factors in the marketplace and Relative Importance in the Index. A simple equation used Relative Importance to weight the rank of each item, thereby creating a unique hierarchy among the items, allowing the CPI to identify mathematically which items were the most important for New Goods introduction.
- As a member of the Sample Refinement Software Development Team, I created a technical model that allowed the Consumer Price Index to maintain an important naming convention in their sample creation process:
 - Created the first-ever "Two Sequence Object" sample creation modeling technique for the Consumer Price Index. The
 technique was used for the Sample Maintenance System Release 2.0 project, after collaborating with software
 development leadership. By using two objects to create sample identifiers, instead of one, the CPI was able to preserve
 its long-standing CPI numbering convention.

Relevant Detail Scientist (a.k.a. Early Data Science) Expertise

Proven ability to create never-before envisioned and never-before created systems, approaches, and techniques. Examples include:

- Envisioned, created, and implemented the first Data Science programs ever used in the Department of Labor's Bureau of Labor Statistics. These programs were Structured Query Language (SQL) programs used to monitor live-moving data being collected by the Consumer Price Index (CPI) in real-time.
 - "The data collection monitoring SQL scripts were an extension of programs that were written for Systems Integration Testing for the Computer-Assisted Data Collection system (before it was deployed into the field). The testing scripts resulted from a meeting where I was asked to assist in testing. I told the developers that I could not assist unless I was given access to the test database, since I would need to access the database to ascertain whether or not a particular piece of data actually made it from the hand-held tablet to the consolidated database. They gave me access ... and the rest is history. ... " [SW]
 - "... I started with simple SQL scripts to assist me with verifying data. But once the system was deployed, it was easy to use those same scripts to continue to check that data was moving through the system properly. The SQL programs

THE ACCOMPLISHED CHANGE MAKER

Website: https://www.detatilsciences.com LinkedIn: https://www.linkedin.com/in/stephen-widener-1a81b935

10079 Stedwick Road, Unit 86748 Gaithersburg, MD 20886 Phone: 202-240-2682 Email: slwidener1234@slwmail.com

evolved over the years and the data that I obtained out of the system and what I did with that data became more and more complex and sophisticated. The result was the birth of Data Science. ... " [SW]

- "... After electronic data collection was implemented, and as of result of my SQL programs, managers in the field were provided with real-time feedback from live-data movements found in the new databases. (The original databases had been in the mainframe before electronic data collection was introduced in the Consumer Price Index. Now, however, data was stored in the Windows Server environment, affording the opportunity for the first time in the history of the CPI to access information in real time." [SW]
- As a result of this ground-breaking work, the highest bonus ever given out by the CPI Branch Manager was added to that year's performance review:

"Your performance bonus will be reflected in your pay deposit next week. The full bonus amount is \$4,000 before deductions. This is the highest bonus that I've ever had the pleasure to give. ... I want to thank you for your continued outstanding efforts on behalf of the CPI program. Your combination of enthusiasm, initiative, and intelligence would make you a star in any organization. I am very glad that you are in my organization." [CPI Branch Manager.]

- Envisioned, created, and implemented the Department of Labor's Bureau of Labor Statistics first Data Science proxies, measures, and trigger-to-act events. These measures were used by the Consumer Price Index for live-data monitoring.
 - "Developing SQL programs and then running them against live data wasn't enough; getting that information out of the system didn't tell you what to do with it once you had it. I had to develop measures, estimates, thresholds, and action days. I had to come up with the day that each SQL script should be run, what to look for in the results, and what to do depending on those results. Then I had to create the chart of actions then trained others on the system's use ... with these new tools, we all worked together to ensure the integrity of the Consumer Price Index." [SW]

Relevant Data Engineering Expertise

Proven ability to review, analyze, and modify programming systems; conceptualize, design, and document system architectures; encode, test, debug, and install infrastructure; provide outstanding insight and support for an organization's technology goals. Examples include:

- Showed individual drive and innovation after being selected by the Branch Chief of my department to be the lead developer on the COGNOS ReportNet Business Intelligence Data Warehouse project.
 - "This was a new project being undertaken by the department, back in the early 2000s, before the Data Science industry came into existence. COGNOS ReportNet was one of the first Business Intelligence systems ever to be developed. It was installed and configured on a server and gave users' access to Online Analytical Processing tools via a Web Browser. The browser was located on the client-side computer or other device. I personally oversaw the entire process, from taking the product out of the box, educating IT professionals about its design, installing and configuring it on the server, and creating the first reports."
- Showed individual drive and innovation by creating and designing the Consumer Price Index "Outlets Outside the PSU
 Boundary" Automated Decisioning System. Created a schema design for a Microsoft SQL Server database; created the
 database; built the schema; configured the primary keys. Used Data Transformation Services and ODBC to attach the SQL
 database to the CPI's Oracle production database. Created pre-configured SSIS Packages that obtained data in the data

THE ACCOMPLISHED CHANGE MAKER

Website: https://www.detatilsciences.com LinkedIn: https://www.linkedin.com/in/stephen-widener-1a81b935

10079 Stedwick Road, Unit 86748 Gaithersburg, MD 20886 Phone: 202-240-2682 Email: slwidener1234@slwmail.com

flow and then aggregated, merged, modified, and distributed the data into the SQL database, where a metadata layer was created. Additional reference information was conceptualized, obtained, cleaned, and inserted. Then, the metadata layer was used by a proprietary SQL program to render automated decisions about the data:

- Decisions were made by the program based on CPI data collection rules, CPI eligibility rules, store location within the CPI's statistical boundary, store collection type, and store item type; and
- The result was the creation of the first-ever CPI record-by-record automatic decision-making process whereby decisions were made automatically that used to be made manually by managers in the field.
- Demonstrated vision and drive by introducing the Consumer Price Index to electronic printing; conceptualized, researched, documented, tested, and oversaw the deployment of the "Consolidated Database Print Facility" ... later known as "SchedPrint." This invention enabled data collectors for the CPI to produce PDF files for the first time in CPI history.

Proven ability to (1) conceptualize a brand-new statistical methodology, (2) code a complex technical program consistent with that concept, (3) document the resulting new program in Plain English, (4) present the new methodology to a non-technical audience. Examples include:

- Envisioned, conceptualized, and created a novel research tool called the "Initiation-in-Pricing Sample Execution and Evaluation (IPSEE) Tool." This program runs against live data in a production database in order to assess newly collected goods in the Consumer Price Index (CPI) ... in real-time.
 - On March 3, 2004, the Management Oversight Group wrote: "As a member of the Item Rotation Evaluation Team, Stephen Widener made numerous important contributions to the development of a new evaluation tool that for the first time will enable the CPI program to measure and assess the sample changes that are introduced into the index through the Item Rotation Initiative."
 - Wrote about the "Initiation-in-Pricing Sample Execution and Evaluation (IPSEE) Tool" in a published article that Newsletter Editor Joan Anderson decided to place on the front page of the CPI's flagship newsletter.
 - Presented the "Initiation-in-Pricing Sample Execution and Evaluation (IPSEE) Tool" in a nation-wide tour of all six data collection regions of the Consumer Price Index.

Relevant Business and Data Analyst Expertise

Proven ability to perform in-depth literature review; a proven ability to cultivate and maintain partnerships with stakeholders at government and non-governmental agencies; a proven ability to plan and conduct stakeholder workshops and interviews. Examples include:

- Wrote and provided for the Consumer Price Index a research paper titled: CPI Data and Wireless Host-Based Distributed Systems:
 - This research paper involved a detailed fact-finding journey that included research and analysis on data-collection-related technologies, as well as interviews with senior IT managers and seasoned IT professionals at the Bureau of Labor Statistics. The research recommended that the CPI convert their dial-up client-server distributed system to a wireless host-based distributed system. The paper estimated that millions of dollars per year could be saved.

THE ACCOMPLISHED CHANGE MAKER

Website: https://www.detatilsciences.com LinkedIn: https://www.linkedin.com/in/stephen-widener-1a81b935

10079 Stedwick Road, Unit 86748 Gaithersburg, MD 20886 Phone: 202-240-2682 Email: slwidener1234@slwmail.com

- After reading the research paper, here were comments made by senior professionals at the CPI:
 - On Thursday, March 1st, 2012 at 12:43pm, Senior Economist Jenny Rudd wrote: "Simply fascinating!!"
 - On Thursday, October 8th, 2015 at 10:52am, Senior Security Specialist Lawrence Scott wrote: "Great paper. ... your logic is sound and very wise."
 - On Monday, September 28th, 2015 at 5:43pm, Senior Computer Scientist Joshua Chapman wrote: "[Our] idea will
 take a long time to implement. But your idea? Yours would take less time and less development work."

Relevant Crisis Management Expertise

Proven ability to think creatively and lead while under pressure during a crisis. Examples include:

- Negotiated an emergency software development feature change as a member of the Sample Maintenance System Review and Enhancement Team.
 - "I resolved a major difficulty arising from competing interests between software developers and usability experts involved with the same project. I was able to address the issues upfront, transparently and honestly; then I brought developers and usability experts together to come up with a compromise agreeable to both parties. A decision was made to add color-coding to the software and the developer agreed to the change; the new feature was added to the software." [SW]
- Created a new numbering scheme for creating CPI record identifiers, after being informed by IT professionals that the CPI would not be able to keep its current numbering convention in the new survey data creation system.
 - "I interviewed members of the IT department to learn of the reason, and then conceptualized, documented, and presented a "Two Sequence Object" approach to the system's design. This approach allowed the CPI to create sample ID's without losing their traditional numbering convention; this also resulted in avoiding a higher cost to data collection resulting from the extra time that would have been needed to collect the data." [SW]
- Received a Special Cash Award for creating an emergency SAS dataset of the CPI's Used Car Index, after being told that the data had been deleted.
 - "The only data left was on several sheets of paper containing over 1,000 records, each with nine variables. The Index was due to be published in two days. Under pressure, I was able to scan the paperwork into Object Character Recognition Software. I immediately went to work reviewing the resulting Microsoft Word document. I literally compared each record in the Microsoft Word table with the records on the paperwork; I replaced character by character each nonsensical symbol that appeared in the electronic document with the corresponding correct character that appeared on the paperwork. (I had to do this because the OCR software had made mistakes during the character recognition process.) Next, I converted the Microsoft Word table into Microsoft Excel. Then, I created a SAS dataset from the Excel spreadsheet. Finally, I emailed the spreadsheet and the SAS dataset back to the department that had lost the data. They used the datasets to publish the CPI, on time." [SW]
 - The Special Cash Award stated:
 - "Stephen responded to a request to assist with recovery of an irretrievable electronic file that is used for the production of the Used Vehicle Index in the CPI. The only remaining available format of the data was a hardcopy of the dataset: ... more than 1,000 observations ... nine variables. ... Stephen [was] able to successfully scan in a large dataset and then transfer it into useable formats of PC SAS of Excel. [He] then edited the electronic files by visually comparing

THE ACCOMPLISHED CHANGE MAKER

Website: https://www.detatilsciences.com LinkedIn: https://www.linkedin.com/in/stephen-widener-1a81b935

10079 Stedwick Road, Unit 86748 Gaithersburg, MD 20886 Phone: 202-240-2682 Email: slwidener1234@slwmail.com

them with the hard copy version. Stephen [was] able to successfully complete this task within 2 working days, which was very significant given the time sensitive nature of CPI Production." [Program Office Senior Management]

- Created the SQL program that produced the dataset used to publish the Consumer Price Index, after the Index became threatened by missing data created by damage in New Orleans caused by Hurricane Katrina.
 - "Hurricane Katrina devastated New Orleans in a destructive zig zag pattern. It rendered cell phone service inoperable and destroyed both peoples' houses and business establishments. But some WIFI signals did work which allowed for email communications. This caused an avalanche of emails coming into the National Office. Managers were trying to inform the CPI National Office of data collectors that could not collect, and establishments that had been destroyed. ... " [SW]
 - "... Without proper information ahead of time on missing prices, the CPI program would have crashed at publication time. I knew this was a risk. Once I learned of this risk, I went to work immediately. I started reading through all of the emails, and I also sent emails. I got feedback in the form of disparate sentences and dis-jointed information in a bunch of emails. I read through the emails, synthesized the information, and then wrote one of longest SQL program "where clauses" I've ever written. I had never used so many "%" signs in my life! The result was a dataset containing a hodge-podge of information about what prices would most likely be missing at Index run. The Program Office used this dataset to impute the missing data and the Index ran successfully as a result." [SW]
- Discovered, explained, and led the emergency effort to halt deployment of Geographic Revision Project after discovering that the database reference tables had been implemented incorrectly.
 - "The Geographic Revision was the largest and most ambitious redesign of the Consumer Price Index collection infrastructure since the survey moved from paper to electronic data collection. The newly designed system had gone through many months of planning and development, had passed the testing phase, and deployment was signed off. However, one of the lead developers came down to my desk and we started talking about the changes I had made to the operating instructions that were going to be used for the new software to be deployed." [SW]
 - "... It was at this time that I asked the developer about the reference tables. I knew that our data collection managers needed to assign data using options in the software; what I did not know is how they had implemented the options that were going to be presented to them. I kept asking how the new design was going to be implemented and how it would work. Through this question-and-answer session, I realized that the system developers had not implemented the reference tables properly ... the software would crash upon execution due to how the set up was developed. The lead developer and I rushed upstairs and warned the direction of the IT department, and he immediately halted deployment. I worked with the systems staff to redesign the new design, and the new approach that I came up with was implemented." [SW]

THE ACCOMPLISHED CHANGE MAKER

Website: https://www.detatilsciences.com LinkedIn: https://www.linkedin.com/in/stephen-widener-1a81b935

10079 Stedwick Road, Unit 86748 Gaithersburg, MD 20886

Phone: 202-240-2682 Email: slwidener1234@slwmail.com

PERFORMANCE APPRAISALS AND AWARDS

Consumer Price Index – Performance Appraisal Statements of Praise

Excerpt From 2005 Performance Appraisal Marc Klein, Supervisor, September 2005

"Mr. Widener has worked independently of his supervisor to introduce database query tools to our daily monitoring activities. The ability to use these query tools for daily monitoring and problem investigation has taken the primary mission of our office to a new level. We are able to be much more proactive in heading off problems. When problems do arise, we can immediately provide our customers with the information and tools they need to resolve these problems. Additionally, because we are no longer dependent on other offices for providing this information, the response time for providing information to our customers has been drastically reduced. As the project has no precedent, Stephen continually makes suggestions for improvement to management. ... Stephen takes great pride in the challenges and payoffs that the development of database queries can bring. He recognizes the importance of this activity to the CPI Program and is dedicated to providing our customers with the best tools to do their jobs. Stephen seeks creative alternatives, generates fresh ideas, continues to develop new paths, procedures, and approaches. Every month, Stephen continues to push the limits of his knowledge and creates solution that I never imagined."

Excerpt From 2011 Performance Appraisal Ursula Oliver, Supervisor, September 2011

"Mr. Widener excels in identifying improvements to existing products, developing new products, and finding the best solutions to the problems at hand. He has worked extensively with the [Commodities and Services] Interactive staff to improve processes related to populating disaggregation methods for specific item categories. ... Mr. Widener has expertise in the area of database querying and created or re-wrote several scripts to improve the reporting process ... and to solve a problem where incomplete PSU-level data was provided to data collectors. He provides assistance to several members of the CPI Operations Team to assist in their monitoring and problem-solving efforts. Mr. Widener prepared and presented the SQL lecture series which covered topics on script writing and the [Commodities and Services Electronic Data Collection] database variables."

Excerpt From 2015 Performance Appraisal Tod Sirois, Supervisor, October 2015

"Mr. Widener excels at identifying opportunities to improve the office's internal processes and products and recommended implementation approaches. He has consistently brought his wealth of [Commodities and Services] data collection knowledge to his efforts in this area. Mr. Widener has recommended and implemented improvements to a number of our scripts used for some of our most important monitoring tools. His improvements included a way to reduce potential errors when running scripts through the use of a data table. He streamlined the Missing Schedule Report script to identify both missing assigned and unassigned schedules in the same run. Mr. Widener has continued to work with junior staff to develop their skills in the area of database querying."

THE ACCOMPLISHED CHANGE MAKER

Website: https://www.detatilsciences.com LinkedIn: https://www.linkedin.com/in/stephen-widener-1a81b935

10079 Stedwick Road, Unit 86748 Gaithersburg, MD 20886 Phone: 202-240-2682 Email: slwidener1234@slwmail.com

Consumer Price Index - Statements from Awards

Instant Good Job Award March 2003

"As a member of the Item Rotation Evaluation Team, Stephen Widener made numerous important contributions to the development of a new evaluation tool that for the first time will enable the CPI program to measure and assess the sample changes that are introduced into the index through the Item Rotation Initiative." [CPI Management Group.]

Instant Good Job Award July 2004

"On Wednesday, July 7, 2004, a critical problem with the BLS Secure RAS infrastructure prevented many [Computer-Assisted Data Collection] production field users [collecting for the Consumer Price Index] from transmitting data. As a result, collected data was unable to be uploaded and processed, and schedules for [Computer-Assisted Data Collection] users' next collection assignments were not able to be downloaded. Late Wednesday evening on July 7, 2004, Mr. Widener provided supercritical assistance with creating software media and end-user instructions to fix [Computer-Assisted Data Collection] pen computers. Because of Mr. Widener's dedication and hard work, [Computer-Assisted Data Collection] users were able to quickly get back in business." [Stephen Gilbert - Senior Manager, Systems Staff.]

Quality Step Increase in Salary December 2004

"Stephen - in addition to your bonus you will be receiving a Quality Step Increase for your work in the past year. Your data mining and analytical skills are much appreciated. Your performance bonus will be reflected in your pay deposit next week (December 19). The full bonus amount is \$4000 before deductions. This is the highest bonus that I've ever had the pleasure to give. In addition to receiving the performance bonus for your Outstanding Rating, I was asked by Bob Gaddie to tell him the person or persons that most contributed to the organization's performance. Your name was submitted, and money was added to your bonus to reflect your special contributions to the organization. I want to thank you for your continued outstanding efforts on behalf of the CPI program. Your combination of enthusiasm, initiative, and intelligence would make you a star in any organization. I am very glad that you are in my organization." [Jane Martinez, Branch Chief, Consumer Price Index, Office of Operations.]

Service Cash Award June 2005

"Stephen responded to a request to assist with recovery of an irretrievable electronic file that is used for the production of the Used Vehicle Index in the CPI. The only remaining available format of the data was a hard copy of the dataset, which contained more than 1000 observations, each with nine variables. At the request of the CPI Program Office, Stephen, working with Jean Ibrahim, re-prioritized their normal duties to put this time sensitive effort at the top of their list. Stephen and Jean were able to successfully scan in a large dataset and then transfer it into useable formats of PC SAS of Excel. They then edited the electronic files by visually comparing them with the hard copy version. Stephen and Jean were able to successfully complete this task within 2 working days, which was very significant given the time sensitive nature of CPI Production." [Bill Thompson, Consumer Price Index, Program Office Manager.]

THE ACCOMPLISHED CHANGE MAKER

Website: https://www.detatilsciences.com LinkedIn: https://www.linkedin.com/in/stephen-widener-1a81b935

10079 Stedwick Road, Unit 86748 Gaithersburg, MD 20886

Phone: 202-240-2682 Email: slwidener1234@slwmail.com

PUBLICATIONS, PROFESSIONAL AFFILIATIONS, AND LANGUAGES

Published Article, "Evaluating Item Rotation for the New Goods Initiative", CPI Quality Quarterly, Fall 2004 Issue.

Native American Community: Maidu Indigenous Tribe of Northern California.

Alpha Phi Alpha Fraternity: Founding Member. University of San Francisco. Spring 1996.

English. Native.

Spanish. Professional Woking.

TRAVEL AND HOBBIES

U.S. Travel

Nevada, Colorado, Arkansas, Louisiana, New York, Maryland, Virginia, California, Washington D.C.

Foreign Travel

England, Belgium, Austria, Germany, New Zealand, Mexico, Belize, Bahamas.

Interests

Real Estate Appraisal, Macro-Economic Theory, Investment Theory, Computer Technology, Issues of Class and Family in America.

Hobbies

Collectible Action Figures, Tae Kwon Do, Akido, Travel, Skiing, Reading, Photography, Horseback Riding.