

# Advanced Degree Resume

## Chronological Format

**Jamal K. Washington**  
 (530) 555-2230 jkwwashington@ucdavis.edu  
<http://www.linkedin.com/in/jkwwashington>  
[www.github.com/washington/react-track](http://www.github.com/washington/react-track)

**Mechanical Engineering Ph.D. (June 2017)** with 4 years of industry experience in project management, strategic planning, research and development. Expertise in power systems and distributed grid infrastructure. Management and training experience in production and use of technology for engineers and customers. Interested in globalization and international issues. Additional skills include:

- |                         |                           |                                |
|-------------------------|---------------------------|--------------------------------|
| <b>TECHNICAL SKILLS</b> |                           |                                |
| • SolidWorks (CAD)      | • Matlab                  | • Mathcad                      |
| • COMSOL (FEM/FEA)      | • Vibration test/analysis | • MS Office Suite and database |
| • Labview               | • L-edit (CAD)            |                                |

- |  |                    |
|--|--------------------|
| <b>BUSINESS COMMUNICATION SKILLS</b>     |                    |
| • Extensive analytical skills            | • Fluent in German |
| • Excellent oral & written communication |                    |

**EDUCATION**

**Ph.D. in Mechanical Engineering** – University of California, Davis, June 2017  
 GPA: 3.87/4.0

**Master of Business Administration in Finance & International Management** – University of California, Davis, June 2012  
 GPA: 3.5/4.0

**Bachelor of Science in Mechanical Engineering** – University of California, Berkeley, May 2009  
 GPA: 3.65/4.0

**PROFESSIONAL EXPERIENCE**

**Manager, Business Development**  
 Anuvu, Inc. – Sacramento, California June 2012-September 2013

- Managed technological/financial development of PEM hydrogen fuel cell applications in power systems.
- Created complex engineering models and financial programs for technology/investment valuation.
- Presented grid infrastructure engineering/financial model to domestic and foreign business partners.
- Wrote business plan for a \$4.5 M OEM hydrogen fuel cell contract.
- Negotiated contract for product testing and integration with OEM partner and State Testing Group.
- Developed network and critical relationship with OEM customers.

**Research and Development Engineer**  
 Medtronic Vascular, Inc. – Santa Rosa, California June 2009-September 2012

- Patented mechanical design of device and led project from inception to successful international clinical use.
- Developed processes, equipment, and trained personnel for market release of medical device product lines.
- Managed production line and personnel while creating and fabricating support tooling and equipment.
- Coordinated joint R&D/Manufacturing efforts to effectively meet company production deadlines.
- Wrote procedures for processes and data collection for GMP and ISO-900X quality systems.

**Total Quality Manager – Intern**  
 Hunter Innovations Inc. – Berkeley, California June 2008-December 2008

- Organized and led training of Hunter Associates in Quality Control and GMP systems.
- Wrote and implemented Good Manufacturing Practice (GMP) System for FDA regulatory approval of artificial hip joint implant sales and manufacturing.
- Designed and programmed components of CNC lathe and mill manufacturing resulting in sales estimated at \$10,000/month for these components.

**Project Engineer – Intern**  
 Ames Co./Fluid Control Systems – Oakland, California June 2007-September 2007

- Leader of “Introduction to Production” team and responsible for vendor communications.
- Created and maintained engineering documentation, bill of materials, and bill of operations.
- Researched and designed prototype backflow check valves and led pilot production.

**PATENTS/PUBLICATIONS**  
 List patents and publications here

**PROFESSIONAL AFFILIATIONS/COMMUNITY SERVICE**  
 Institute of Industrial Engineering - Engineers Without Borders

*Note: add a footer with your last name, page 2 of X*

# Advanced Degree Resume – Chronological Format

## J. Alex Wang

Davis, CA 95616  
(520) 555-3764

jawang@ucdavis.edu • www.linkedin.com/in/jawang

**Community Development Master's Candidate (August 2018)** with six years' experience in non-profit program management, including evaluation, research and program design. Expertise in qualitative research design and database creation.

- Fluent in Spanish
- MS Office Suite, including Word, Access and Excel
- Excellent writing skills
- Courses in qualitative and quantitative research methods
- Exceptional project management skills
- Clear communicator and collaborator
- Relevant coursework completed: Intermediate Social Statistics, Field Research, Qualitative Research Methods

### EDUCATION

**Master of Science, Community and Regional Development**, expected August 2018  
University of California, Davis

**Bachelor of Science, Sociology**, June 2015  
University of Arizona, Tucson, AZ

### PROFESSIONAL EXPERIENCE

**Graduate Student Researcher**, July 2017-present

UC Sustainable Agriculture Research and Education Program, Davis, California

- Conducted evaluation of local non-profit organization's two-year USDA Community Food Project grant.
- Designed and implemented surveys and interviews of project participants.
- Synthesized data and completed annual and final reports of grant progress.
- Maintained positive relationship with the grantee organization to ensure expectations were being met and evaluation tools were satisfactory.
- Edited final report and verified data accuracy for an assessment of Yolo County's food system.

**Graduate Student Researcher**, August 2016-June 2017

UC Davis Center for Regional Change, Davis, California

**Project:** Healthy Youth/Healthy Regions is a multi-disciplinary research project investigating the link between youth well-being and prosperity in the Sacramento region.

- Researched and wrote first draft of introductory chapter for Healthy Youth/Healthy Regions final report, which set the scene for the final report by highlighting the strengths and inequities in the region.

J.A. Wang

Page 2

**Home Garden Manager**, June 2013-July 2015

Community Food Bank, Tucson, Arizona

- Management and supervisory roles, involving gardening assistance, budget management, community outreach and program design.
- Created and managed database to track department's activities and identify areas for growth.
- Conducted outreach and coordination with other Tucson non-profits on community development projects.

**Home Garden Coordinator**, September 2012-August 2013

Community Food Bank, Tucson, Arizona

- Taught vegetable gardening skills to fifty low-income families through at-home assistance.
- Designed and taught popular education style gardening workshops in English and Spanish.

**Community Organizer**, September 2011-August 2012

Border Action Network (BAN), Tucson, Arizona

- Led successful outreach campaign on border issues in Latino immigrant neighborhoods in Tucson's south side.
- Launched membership drive, resulting in 500 new members.
- Initiated campaign on immigration reform geared at key members of the Arizona Congressional delegation.

### AWARDS AND CERTIFICATIONS

**Community Service Award**, 2017

UC Davis Community Service Resource Center, Davis, California

**Travel Grant of \$500**, 2017

UC Davis Internship and Career Center, Davis, California

**Certificate in Teaching Excellence**, 2017

Center for Excellence in Teaching and Learning, UC Davis

...Additional categories could include:

Community Service

International Work Experience

Affiliations

Key Accomplishments (brief description of 2 or 3, best placed after skills section and before education)