

Soul Search Genealogy Service Center (AI assisted tools & programs)

Bio: & Background (Keith Evan Hayes) LinkedIn Profile: www.linkedin.com/in/KeithEH

- Married 49 years to my High School sweetheart, where we grew up together in a small town called Kokomo Ind, and currently living in Virginia Beach Va.
- I have 4 daughters and 23 Grandchildren and 1 great grandchild
- Went to college at Indiana University Bloomington, IN
- I have been working in the IT field for 20+ yrs:
 - Worked 26 yrs for Federal Govt as, claims rep, field rep,
 - 17 yrs in IT Admin and Analyst pos
 - Extensive IT Helpdesk management and setup
 - Currently working as a IT Deputy Dir for a non-profit organization
- Ran IT computer repair company for 20yrs called PC://Housecalls, LLC
- Wide experience in Application deployments
- For past 10+ years I have been doing family genealogy research and helping others sucessfully find their ancestral roots
- In current position testing the use of AI in document creation and analysis

Why Genealogy and AI:

- Looking to use AI to expand the scope of genealogy in improving mental health and self-understanding.
- My personal journey of self discovery started with stories that my mother told about her family descendants coming to Indiana and creating a famous settlement called Bassett Settlement.
- I grew up without knowing my father who left when I was age 5 and never got to know him. However through one DNA testing and genealogy research I was able to re-discover knowing my father and his family. Although painful at times I broaden my view of my life and soul.
- A major goal of the startup is to see how AI technology can be used in genealogy for quicker self discovery which might have an impact on improving one's mental health especially among those who have lost their heritage
 - Develop ongoing partnership with mental health organizations.
 - Genealogy educational outreach to organizations assisting underserved communities.

Positive impacts of Genealogy: Overall, the study of genealogy can be a deeply rewarding and insightful experience that can positively impact your mental health in many ways:

- **Enhanced self-awareness:** Discovering your heritage and ancestral stories can foster a

Soul Search Genealogy Service Center

(AI assisted tools & programs)

stronger sense of belonging and purpose. Identifying with historical figures or traditions can boost self-esteem and provide a sense of continuity through generations.

- **Learning about past family struggles and triumphs:** Genealogy can increase your resilience and capacity to cope with challenges.
- **Strengthening identity and belonging:** Understanding family dynamics and historical contexts might shed light on personal experiences, offering newfound perspectives and acceptance.
- **Improved family relationships:** Uncovering family patterns and recurring traits can provide insights into your own personality and predispositions.
- **Resilience and understanding:** This self-knowledge can empower you to make informed choices and understand your emotional triggers better.
- **Sense of control and empowerment:** Taking charge of your own history and actively piecing together your family puzzle can be empowering. It can provide a sense of control and accomplishment, especially if you overcome obstacles in your research journey.
- **Family Recall:** Our family only remembered our heritage from the word of mouth family history, if wasn't for me taking it a step further with a Ancestry.com account and some hard analytical research (this is where the IT analytical training came into play)

Goal of Startup

- **Assist under-represented minority groups and cultures searching for** descendants and giving them a voice for the future by knowing their past.
 - For example, so often African American's history vanishes when researching pre Civil War (Antebellum) descendants, which is almost impossible to find or research. I was able to crack this genealogical period while researching my own family's history, which took countless hours of research and record verification.
 - Open genealogy research assistance to a wider audience, with a focus on partnerships with mental health organizations and those incarcerated and select educational orgs and groups
- Provide a one-stop research center for AI based genealogy research:
 - Help underserved and under representative minority groups with finding their descendants. Many go through life not knowing their culture, heritage and descendants
 - Possible speciality areas of concentration
 - African American genealogy research
 - Latinx America genealogy research
 - Dead-end and brickwall breakdowns

Soul Search Genealogy Service Center

(AI assisted tools & programs)

- One stop center for creative, fun, interactive, and collaborative real-time AI genealogy tools for assisting ancestral researchers looking for their descendants.
- To provide real-time help desk assistance to anyone stuck while looking for their past descendants and preserving their discoveries for the future generations.
- One on One real-time help with AI documentation and verification of family artifacts
 - Assist in the proper storage and retrieval for digitize document
 - Assist in family website creation, QR code tagging, and cloud storage

Revenue Generating Sources and Services:

Main Service Offerings	IT Technical Assistance
Website Membership Subscriptions <ul style="list-style-type: none">● Free DNA testing and family tree creation: This would be offered as a benefit of subscribing to a membership service● Book sales● Website advertisements● Podcast reenactments and events● AI QR coding and tagging of family digitized artifacts and heirlooms● AI genealogy chatbots assistance and virtual Assistants● AI real-time monitor Slack messenger channel assistance● Helpdesk request submissions● Customize family history website creation● Creation of a perpetual virtual "Family time capsule" assistance (hard drive storage and cloud base)	<ul style="list-style-type: none">● Provide an IT focus in helping with genealogy research● One on one realtime help with navigating Genealogy websites like Ancestry.com and family search● Remote IT assistance with application setups (mobile/desktop)● DNA matching and analysis with Genealogy tree data● GEDCOM (Genealogical Data COMMunication) file exporting and importing assistance:<ul style="list-style-type: none">○ Dev AI Data Visualization Tools○ Note: Personal GEDCOM file shows: The ChatGPT analysis of your GEDCOM file reveals the following:<ul style="list-style-type: none">■ Total Number of Individuals: 1,856■ Total Number of Families: 3,015● AI Deep Learning for Photo Analysis and Matching:

Soul Search Genealogy Service Center

(AI assisted tools & programs)

AI Genealogical related surveys and polls (collecting and conducting)

Partner with underserved educational outreach organizations

Partner with other minority and cultural family associations

Research links between Genealogy research and mental health

Find areas of genealogy interest among various minority groups

AI assisted creative prompts and brainstorming:

My genealogy startup will crack the code of the past, using AI and advanced data analysis to unearth hidden legacies and reconnect families in a thrilling, personalized way

AI assisted generated biographical sketches:

Give me basic information about an ancestor, and I can help you draft a narrative description of their life based on historical patterns and likely scenarios. This can spark your imagination and inspire further research.

AI assisted suggested research avenues: Feeling stuck? Describe your current knowledge gaps and roadblocks, and I can brainstorm potential research paths, suggest alternative approaches, and identify underutilized resources like local archives or online collections. This can break through research plateaus.

AI assisted Building narratives and connections:

Share fragments of stories or snippets of information about different ancestors, and I can help you piece together potential connections and weave them into a cohesive family narrative. This brings your ancestors to life and makes your research more meaningful.

- Family time capsule creation assistance and advice
- AI Family coat of arms and crest creation
- Slack app for real-time user collaboration
- Freshservice Helpdesk for help ticket submission

Educational Outreach information:

- Partner with minority historical associations and educational institutions

Memberships Subscriptions (Podcasts):

- Information gathering and analysis:
- Using AI technology to QR code tag virtual family heirlooms and documents
 - The QR code would point back to a family website, family crest or ancestry tree
- The QR coding would server as a marker for genealogy research preservation

Develop AI Assisted Tools and Applications that help with the following:

Extracting details from historical

documents: Provide me with scanned documents like records, letters, or diaries, and I can use Optical Character Recognition (OCR) to convert them into text and then analyze the content for relevant information like names, dates, and locations. This can expedite your research by uncovering details you might have missed.

Soul Search Genealogy Service Center (AI assisted tools & programs)

Develop AI Assisted Tools and Applications that help with the following:

Fact-checking and cross-referencing:

Share your findings with me, and I can verify information against historical records, identify inconsistencies, and suggest alternative resources for further investigation. This ensures the accuracy of your family tree.

Develop AI Assisted Tools and Applications that help with the following:

Researching historical context: Tell me about a specific ancestor's location and time period, and I can access vast historical databases to offer insights into their lives, such as cultural norms, occupational trends, and potential migration patterns. This context can guide your research and lead you to new sources.

Soul Search Genealogy Service Center (AI assisted tools & programs)

Work Experience Summary:

Senior Associate for Infrastructure and Security (Remote):PT Fund Inc (August 2020 to February 12,2020)

Providing IT Administrator support for staff and 3rd party vendors
Desktop and application support for Windows/Mac devices
Hardware and software support for IOS and Android devices
Onboarding and offboarding new user account/software setups.
Configure, manage, and troubleshoot G Suite/O365 applications
MS Azure and Intune end-user/device management (1000+ users)
Implementing best practice IT cybersecurity measures

IT Administrator (Remote): Zinc Collective (January-August 2020)

Providing IT Administrator support for staff and 3rd party vendors.
Desktop and application support and troubleshooting.
Onboarding and off boarding new user account/software setups.
Configure, manage, and monitor Slack, Zoom, G Suite applications.
Providing software troubleshooting/setup.
Implementing best practice IT cybersecurity measures.
Provided technical assistance to 74 Campaign technicians

Independent IT Consultant (Remote): (November - January 2020)

Providing IT Administrator contract/on-call and remote support for
non-profit organizations, small businesses, and residential
customers.
Daily availability monitoring of servers (Site24x7 software).
Desktop support and setup (e.g., Microsoft /MacOS upgrades and
updates).
Website administration, and availability monitoring.
Handling printer(s) and MS server account setups and access.
Providing IT Administrator services to 3rd party IT contract
consultant companies and prime contractors.

Position: Campaign Tech Specialist (Remote): DigiDems, LLC Duties involved the following: (May 31, 2019 to November 30, 2019)

Provided best practice IT cybersecurity measures for state level
political candidates in Virginia.
IT Administrator support services for core tech platforms and
software (i.e., VAN, G Suites, security key 2FA)
Provided cybersecurity auditing, training, and guidance
IT admin and security management on Microsoft and Apple
desktop/mobile devices.
Setup desktop and laptop security settings based on cybersecurity
best practices.
Provided input on company's IT Forum topics and offering IT
technology solutions

Position: End User Specialist-Annie E. Casey Foundation (Contract) (Baltimore, MD)

Soul Search Genealogy Service Center (AI assisted tools & programs)

Duties involve the following: (October 31, 2017- December 31, 2018)

Onsite/remote user assistance on issues with printers, mobile devices, Windows 10 and MacOS laptops.

Assisted with user account setups and access to active directory

Maintaining an IT help desk solutions bar that services 200 users.

Imaging/setup of new and used computers (Windows10, MacOS).

Position: Technology Instructor-NPower Inc (Baltimore, MD)

Duties involved the following: (May 1, 2016- January 7, 2017)

Provided IT training to students on using various software programs and hardware computer repair tools.

Setup and configured laptops, computers, and network.

Position: IT. Programmer Analyst Guest Services –Lancaster Foods

Application management, integration, and troubleshooting

Troubleshooting Sales Order Entry/Inventory business apps.

Position: Client Managed Services Supervisor (SharePoint)

Portal Solutions LLC, (Rockville, MD) (1yr)

Supervised and manage a team of MS SharePoint developers.

Manage the ticketing queue of support issues from clients.

Consult and advice clients on the best approach to resolve issues.

Position: IT Desktop Support Coordinator

Lockheed Martin located (Gaithersburg and Rockville, MD)

(2yrs)

Coordinating the planning for desktop replacement and migration.

Setup and deployed over 1000 new Dell workstations and laptops.

Re-imaging new workstations and laptop.

Helped and assisted end-users in resolving various IT issues

Position: IT Administrator/Supervisor

(GMB), Architects and Engineers (Salisbury/Baltimore MD (10yrs)

Supervision of computer technicians and directed IT operations

Social Security Administration (National Computer Center)

(26yrs)

Providing supervision for 11 UNIX cyber security tech specialists.

Coordinated enterprise implementation of UNIX cybersecurity apps.

Assisted and coordinated IT security audits.

Education/Training

B.A. Political Science - Indiana University, Bloomington, Indiana

A+ CompTIA certification