Keith Nelson

(205) 335-1736   keithnelson062csa@gmail.com or k.nelson@wustl.edu
Website: https://keithnelson062.github.io/Resume_Site/
Linkedin: https://www.linkedin.com/in/keith-nelson-51115a222/

Education

B.S. in Computer Science from Washington University in St. Louis (WashU)

Experience(Job/Internship/Projects)

- PR Intern (B.A.R. Birmingham Association of Realtors)-(Feb 2018- May 2018)
  Supported the Communication Department: Created and managed media content (flyers, social media posts), designed promotional materials, and edited videos. Utilized proficiency in Microsoft Office suite and programming languages.
- Database Intern Alabama Literacy Council - Summer 2019
  Developed and maintained a member database: Leveraged SQL and PHP to optimize data tracking, enhance program evaluation, and identify key metrics for improving literacy initiatives.
- Fulltime Boeing Software Engineer 1(May 2022- Present):
  Full-stack development: Built and maintained applications using Python, Java, SQL, HTML, and other technologies. Designed user interfaces, implemented security measures, and automated reporting processes using Jenkins and Elastic Search.
  Data analysis and visualization: Utilized Python and data science tools to analyze large datasets, generate insightful reports, and identify areas for improvement in machine and product development.
  Web development: Employed frameworks like DataTables.js for data visualization, SQL for data storage, Java for API development, and HTML/CSS for web design. Possess expertise in cloud-based development and databases.
- (Personal Projects):
   Built a Python system using sentiment analysis and Elastic Search to analyze real-time news, social media, stock prices, & economic data (debt/unemployment) for market insights. I also created budgeting tools to track basic expense and costs and researches financial products and looks at their impact on the economy

Certifications/ Skills

Can program in HTML, PHP, PHPMyAdmin, Python, Swift + IOS, CSS, Java, AI Design with Python Elastic Search, Jenkins, SQL, Javascript with experience in Responsive Mobile, Front-end, and Back-end development on multiple applications and creative design. Loves using Data Science concepts

*references able upon request