

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) Washington University in St. Louis

Dual Enrollment at Lawson State (2016-2017)

Awards/ Organizations

2 Pi-STEM (SEI program at Lawson State, Pre-Engineering Program) (2015-2017)

FBLA (Future Business Leaders of America) (2017-2018) Position: Reporter

Ed Foundation (Birmingham Education) (2016-Present) Position: Member

Experience(Job/Internship/Projects)

- Intern for Presiding Judge French in Jefferson County (Alabama) Civil Division (Summer 2019 + 2020) (I watched the court process, and created a law and cases database for attorneys to reference with SQL and PHP)
- PR Intern (B.A.R. Birmingham Association of Realtors)-(Feb 2018- May 2018) (worked on media, postings, flyers, event scheduling, website editing, video editing, and uploading, and designing with several Microsoft Office applications and programming languages for the Communication Department with Front End Development)
- Database Intern Alabama Literacy Council - Summer 2019 (gained experience in maintenance and creation of a database by using SQL and PHP for the backend to create and keep track of members in an easy-to-understand format) (Summer 2019)
- Fulltime Boeing Software Engineer 1(May 2022- Present)- Created and updated applications and tools using Python, Java, SQL, HTML, and more. Created custom productivity tools, interfaces, and updates. Used data science and Python to create and analyze big chunks of Data for products, presentations, reports, team tools, and more. Used a full stack approach to create users and validate information for security applications. Works with a team and by myself on projects. Create software to run and update and create and analyze reports for every set interval.
- Data science development with Python and modeling tools to control and analyze spreadsheets and scrape data from websites and files to display relevant information with pandas and automatically generate PowerPoint, spreadsheets, and reports.
- Web Development - Used multiple frameworks like DataTables.js for displaying, SQL for data storage, Java for API calls to the SQL and make queries, HTML and CSS for design

Certifications/ Skills

Can program in HTML, PHP, PHPMyAdmin, Python, C++, C#, Swift + IOS, CSS, Java, AI Design with Python, Javascript, Arduino, and VHDL with experience in Responsive Mobile, Front-end, and Back-end development on multiple applications and creative design