

Keith Nelson

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Education

Washington University in St. Louis 2018 – 2022, May

Bachelor of Science in Computer Science, Dual Enrollment at Lawson State (2016-2017)

Relevant coursework: Introduction in Computers, Data Structures and Algorithms, Intro into Computer Programming concept and LAB: learned Python, Intro into Web Development: Learned front-end programming) Rapid Prototype Development: Learned Full Stack development

Work Experience

Intern for Presiding Judge French, Civil Division Jefferson County, Alabama; **Summer 2019, 2020**

- Created a law and cases database with SQL and PHP containing thousands of cases, allowing attorneys to reference for information or rulings easily. Observed and analyzed the court process.

PR Intern, B.A.R. Birmingham Association of Realtors Birmingham, Alabama; **Feb 2018 – May 2018**

- Independently edited and redesigned the website and IOS app with HTML, CSS, JavaScript, and Swift.
- Worked on event scheduling, video editing, and uploading, and conducting interviews. Created media/marketing materials, posts, and flyers, with the Microsoft Office Suite for the Communication Department.

Database Intern, Alabama Literacy Council Alabama; **Summer 2019**

- Independently created and maintained a database by using SQL, PHP, and Data Science for the backend to keep track of 200+ members in an easy-to-understand format.

Projects and More

FBLA Reporter Website 2017 – 2018

- Programmed website front-end with HTML, CSS, and JavaScript to increase awareness of FBLA.
- Gained experience in business negotiation and financial experience in profit management for FBLA.

Safe Connect iOS App

- Developed the database, user login, and backend structure for this covid-friendly event planning app.
- Collaborated with team to develop application front-end and perform user testing.

Stock Modeling

- Cleaned and created data frames on stock financial data using Python and Web scraping to develop and scale a model that helps clients and local businesses choose profitable companies to invest their profit in.
- Displayed and plotted figures, charts, and graphs to visualize the data efficiently.

Personal Website Portfolio

- Link https://keithnelson062.github.io/Resume_Site/ (Interactive, Responsive, and more projects, contact info, LinkedIn, and Skills)

Awards / Organizations

- **2 Pi-STEM**, SEI program, the Pre-Engineering program at Lawson State 2015 – 2017
- **NSBE Member** (National Society of Black Engineers) 2018 – Present
- **Ed Foundation Member** (Birmingham Education) 2016 – Present

Certifications / Skills

Programming Languages: PHP, SQL, Python, Swift, Java, JavaScript, HTML, CSS, C++, C#,

Technologies: PhpMyAdmin, Arduino, VHDL, Node.js, React.js, Data Science, Google Firebase, APIs

Development Experience: Responsive Mobile, Front-end, and Back-end development, Creative design