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ALLEN ROBERTS

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EDUCATION

| Richmond, KY | Eastern Kentucky University | August 2018 – May 2021 |
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- Bachelor's in Computer Science, May 2021. GPA: 3.5
- CS Coursework: Object-Oriented Programming, Data Structures, Database Systems, Relational Databases, IOS Development, Algorithms, Applied Software Engineering, Software Testing, and Operating Systems
- Other relevant coursework: Calculus II and Linear Algebra

PROJECTS

Malicious Domain Detection

- Collaborated with a team to design an application that utilized multithreading to perform string matching concurrently.
- Formulated many string-matching algorithms for the project in several different languages, like Python and C, to be used in the application.
- Showcased project to ECU faculty and created a Poster describing an alternate approach using Hadoop (https://encompass.eku.edu/swps_undergraduategallery/290/)

Web Development Projects

- Currently developing several websites to continuously hone my web development skills.
- Primarily using Next.js and Chakra UI to create aesthetic and user-friendly sites.

WORK

| Software Developer (Contract) | Richmond, KY | Jan 2021 – Present |
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- Used modern web frameworks to develop user friendly interfaces for Signum Veri's applications.
- Learned and honed skills in Front-end development across several projects in addition to some full-stack experience as well

| MLDL Lab Member | Eastern Kentucky University | Jan 2019– May 2021 |
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- Collaborated with other students to develop a big data solution for detecting malicious domains.
- Obtained valuable communication skills and how to work more effectively in a group or team setting.

Languages and Technologies

- **Proficient:** Java, Git/GitHub, MySQL, HTML/CSS, and Bootstrap
- **Familiar:** Vue.JS, PHP, MongoDB, Swift, Python, C#, C, JavaScript, Next.js, Angular, and Chakra UI