

EDUCATION

University of Arkansas
Bachelor of Science in Computer Science, Minor in Math; GPA: 3.853

Fayetteville, AR
Aug. 2016 – May 2020

TECHNICAL SKILLS

Languages: CSS, HTML, Java, JavaScript, Kotlin, Python, SQL, Swift

Technologies: Android, Git, Google Firebase, Fusion360, iOS, MongoDB, MySQL, Node.JS, React.JS, React Native

EXPERIENCE

Walmart Bentonville, AR
Software Engineer II *July 2020 – Present*

- Performed front-end web development using **Electrode**, a building platform for **React.JS**, and **Redux** to develop for **PriceX**.
- Maintained code quality by utilizing **Jest.JS**, **Enzyme**, **React Testing Library**, and **SonarQube**.
- Virtualized UI tables from search queries to improve the performance of the UI from 1m to 5s.
- Implemented infinite scrolling, which reduced query load times from 30s to 2s.
- Implemented multi-item and multi-destination queries, which allowed the users to search for up to 50+ timelines at a time as opposed to 1 timeline.
- Worked with a group of other engineers for monthly release installs by validating builds for production.

Walmart Bentonville, AR
Software Engineering Intern *June 2019 – August 2019*

- Performed full-stack development using **React.JS**, **React Native**, and **Spring Boot** to develop for **Veronica**.
- Designed and developed the mobile application, the back-end REST endpoints and web sockets, and designed and assisted in developing the web application.
- Lead a team of interns consisting of 4 data scientists and 3 other software engineers to streamline workflow, set MVP expectations, and integrate the codebases together for delivery to leaders.
- Managed daily workflow as a scrum master, adjusting individual workloads as needed.
- Presented project updates throughout the internship including the project proposal, architecture, timeline, and impact.
- Worked with clients to gauge desired features, QoL improvements, and how to integrate them into existing solutions.

University of Arkansas Fayetteville, AR
Research Assistant *February 2019 – August 2019*

- Performed front-end web development using **React.JS** and **Google Firebase** to develop for **ARTeachers.org**.
- Redesigned the UI to be more modern and easy to read.
- Worked with the education department to prioritize on what features to add such as displaying the student to teacher ratio, expected salary based on experience, and location based queries.

J.B. Hunt Lowell, AR
Mobile Development Intern *October 2018 – June 2019*

- Performed front-end mobile development using **React Native** and **Redux-Saga** to develop for **FSBP Track It** and **Shipper360**.
- Developed features such as in-app notification banners, re-working the feedback modal, and re-working the in-app webview.
- Wrote unit tests using **Jest.JS** and **Enzyme**, maintaining a code coverage of at least 80% on the application.
- Developed and added common components to J.B. Hunt's NPM library so other internal teams can re-use them.

PERSONAL PROJECTS

VX.KB | *Fusion360*

- Designed and established supply chains to deliver 2 bespoke keyboards for an audience of 50+ people.
- Conducted interest checks and collaborated with artists and other designers to gauge and promote interest in the designs.

Umami | *Firebase Authentication, Heroku, Next.JS, MongoDB*

- Designed, developed, and deployed a website for hosting no-fluff community curated recipes with 5+ current users.
- Developed a **Node.JS** back-end to connect to **MongoDB** to host recipes and user data and used Firebase Authentication for authentication and persistence on the front-end.

Samuelle.me | *Gatsby.JS, Firebase Hosting*

- Designed, developed, and deployed a personal website to display personal projects and contact information.

Discord Bots | *Heroku, MySQL, Node.JS, Python*

- Developed 4 different discord bots serving across a total of 4 servers and 800+ users.
- Bot capabilities include easy Google searching, banning, kicking, muting, sub-reddit scraping, and easy emote adding.