

# Braeden Kilburn

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## Experience

### VIVINT

Lehi, UT

#### Software Engineer I

January 2023 - Present

- Upgraded internal and external sites from Vue 2 to Vue 3.
- Maintained customer-facing websites using Vue 3, Vite, Pinia, and TypeScript.
- Wrote tests utilizing Jest and Vitest frameworks to provide over 90% code coverage.
- Collaborated closely with a cross-functional team in an AGILE environment following SCRUM methodology to deliver high-quality code on time and within budget.
- Performed multiple interview assessments of potential hired contractors.

### BYU BROADCASTING

Provo, UT

#### Full-Stack Developer

April 2022 - January 2023

- Reduced main website DOM size by 75%.
- Developed an API monitoring dashboard with Vue 3, Vite, Vuetify, and TypeScript.
- Built a REST API back end using TypeScript and services such as AWS SDK.
- Integrated projects with AWS services such as DynamoDB, Timestream, SNS, and ECR.
- Created CLI tools using Yargs and JavaScript to automate frequent tasks.

### BRIGHAM YOUNG UNIVERSITY

Provo, UT

#### Undergraduate Research Assistant

January 2022 – January 2023

- Learned common research practices in the Social Technology and Privacy Lab (STaPL), a human-computer interaction (HCI) lab
- Invested 10 hours a week in research and development to redesign user interface to decrease anxieties and pressures associated to social media use and its design
- Led a team of 6 other research assistants, helping to divide responsibilities & guide work
- Contributed to a research prototype interface, developed using Vue, utilized to test effects of UI changes on social pressures

## Education

### BRIGHAM YOUNG UNIVERSITY

Provo, UT

B.S. in Computer Science. GPA 3.82

April 2023

Relevant Coursework: Web Development. Software Design Principles. UI/UX Design Principles.

Extracurriculars: BYU Development Club member.

## Skills & Interests

**Technical:** HTML/CSS/JavaScript, TypeScript, Vue.js, Git, CI/CD Pipelines, Atlassian, Docker, AWS, Jenkins

**Laboratory:** Human Computer Interaction methods, Social Technology and Privacy Lab at BYU

**Language:** Native English, Fluent Cambodian (Khmer)

**Interests:** FAA Private Pilot, Volleyball and Football enthusiast, Humanitarian efforts in Cambodia

**Websites:** [Portfolio](#) , [LinkedIn](#) , [GitHub](#)