

# Alex Miller

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## Education

**Bachelor of Computer Science** | 2025

Minor in Data Science

**Calvin University** – Grand Rapids, MI

**GPA:** 3.3

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## Frameworks, Languages, & Tools

- **Frameworks:** Angular, React, React Native, Electron, Ember
  - **Languages:** JavaScript, TypeScript, HTML, CSS, Python, C, C++, C#, Ruby, Java, SQL, NoSQL, .NET
  - **Tools:** Jest, Git, GitHub, Cypress.io, Azure, Google Firebase, Docker
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## Work History

### Application Development Intern | 2024 – Present

**Ottawa Intermediate School District** – Remote

- Developed and executed automated tests for the MySafeStudent website, ensuring optimal functionality and supporting future development efforts.
- Utilized React, JavaScript, TypeScript, Cypress.io, Jest, and Git to streamline processes.
- Enhanced team efficiency and accuracy by implementing thorough testing procedures.
- Worked in a team of 3+ people using an Agile workflow with daily standup meetings.
- Completed courses in React and Cypress, expanding technical proficiency and contributing to project success.

*React, JavaScript, TypeScript, HTML, CSS, C#, SQL, Jest, Cypress.io, Git, Docker*

### Summer Field Technician | 2021 – 2024

**Ottawa Intermediate School District** – Holland, MI

- Developed automation software to streamline tasks, improving team efficiency.

- Collaborated with a team to provide comprehensive technology support and maintenance services within the Ottawa Area Intermediate School District.
- Managed and maintained a fleet of over 3000 Chromebooks and iPads across multiple public school districts, ensuring their optimal performance and readiness for educational activities.
- Planned and executed technology upgrades and deployments, contributing to a seamless transition to new systems.
- Documented and maintained detailed records of technology assets, repairs, and maintenance schedules.

*Python, JavaScript*

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## Projects

### SwipeBite | 2025 – Present

- A mobile app that helps friends choose a restaurant by swiping left or right on nearby options and matching when they both swipe right on the same place.

*React Native, Firebase, TypeScript*

### SplashStats | 2024 – Present

- Developed SplashStats, an Electron app for Calvin's Swimming & Diving team, using Angular to streamline SwimCloud data retrieval. Designed for coaches, it simplifies performance tracking and enables CSV exports, reducing manual data collection effort.

*Angular, Electron, TypeScript, HTML, CSS*

### Rupp's Recipes | 2024

- Built an Angular website that displays cherished family recipes that were previously only held in a recipe book to make it so that recipes could be more easily shared amongst family.

*Angular, TypeScript, HTML, CSS, Google Firestore, NoSQL*

### LED Wall Matrix Display Library | 2024

- Developed an interactive LED matrix board for Calvin University's Computer Science poster fair, enhancing engagement with images, shapes, and simple games. Created a Python library enabling CS108 students to easily build projects and interact via a controller, highlighting CS creativity and technical skills.
- Worked in a team of 3 people in an Agile workflow with weekly standup meetings.

*Python, C*

### Commit | 2023

- Developed an app to help users form habits through community-based accountability,

featuring a friend system, smart alarms, study timers, and an interactive dashboard with progress graphs.

- Worked in a team of 5 people in an Agile workflow with weekly standup meetings.

*React Native, JavaScript, HTML, CSS, PostgreSQL*