

Emily Costa

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Education

Calvin University | Bachelor of Computer Science, December 2021

Dean's List, 3.6 GPA

Selected Coursework: Data Structures & Algorithms | Software Engineering | Web Development | Object Oriented Programming | Operating Systems | Database Management Systems

Skills

Languages: C, C#, Java, Python, HTML, CSS, JavaScript, SQL, TypeScript, Kotlin

Frameworks/Environment: Angular, React, Android Studio, Ionic, React Native, Vue, Github, Linux, Agile Scrum, BigQuery, Firebase, Cypress

Work & Leadership Experience

Software Developer | General Motors

January 2021 – Present

- Develop an internal tool to keep track and streamline the process of reporting conflict minerals to the US government using Oracle DB, Angular, and Java

Software Associate | Michigan Software Labs

May 2021 – December 2021

- Develop an app for a global product release for a fortune 100 company using Android Studio and Lottie animations to demonstrate a mobile device's operating system, features, and specs
- Create a fully customizable analytics dashboard using Vue, ApexCharts, and BigQuery

Vice President | Women in Computing Club

August 2020 – December 2021

- Organize and facilitate the mentorship program by networking with women working in STEM and connecting them with students who share similar interests
- Maintain the club's social media, website and webserver

Volunteer | Girls Who Code

May 2021 – December 2021

- Provide a free after school program for 6th-12th grade girls to develop technical skills and a strong community of supportive women to promote gender diversity in STEM

Projects

Moodle Grading App | Full Stack Developer

May 2021 – December 2021

Built using Angular, Firebase, and e2e testing with Cypress. Allows user to upload, edit, and export csv file. Full CRUD database using Firebase Cloud Firestore to keep track of feedback and assignment scores to streamline the grading process.

Portfolio Website | Full Stack Developer

January 2021

Built from the ground up using HTML, JavaScript, and CSS. Developed without a framework or CMS to show that I have a solid understanding of responsive front-end development and designing a clean UI for seamless interaction.

Women in STEM Website | Full Stack Developer

December 2020

Built using Angular, Bootstrap, and EmailJS. I designed the UI to provide a delightful user experience, implemented an email service to send notifications, embedded a Google calendar to provide real-time updates, and provided extensive documentation for easy maintenance.