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 | Computer Security | Database Management Systems

Skills

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

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

Projects

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 Computing 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, embeded a Google calendar to provide real-time updates, and provided extensive documentation for easy maintenance.

Mercury Mobile Application | UI Designer and Developer

Fall 2020

Built using React Native and Heroku. Main contributor to the client as the UI/UX designer and developer. Presented stakeholders with models and deliverables, conducted user research, and applied feedback to increase usability.

Work & Leadership Experience

Software Associate | Michigan Software Labs

May 2021 – Present

- Collaborate on an agile team to provide clients with solutions that meet their needs
- Develop a fully customizable analytics dashboard using Vue, ApexCharts, and BigQuery
- Create an in-store demo experience for a new mobile device using Android Studio and Lottie animations to demonstrate the operating system, features, and specs

Vice President | Women in Computing Club

August 2020 – Present

- 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 – Present

- 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

Campus Leader | ONE Campaign for Michigan

August 2020 – November 2020

- Organize on-campus events to help promote youth voter turnout in the 2020 general election