

Chris Ferrantelli

Software Engineer

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Education

Bachelors of Computer Science, Oakland University Rochester, MI

Sept. 2018-April 2023

- Cumulative GPA: **3.04**
- Courses: **Data Structures**, **Design and Analysis of Algorithm**, and **System Administration**

Work Experience

Rocket Mortgage Detroit, MI

Software Engineer Intern

Oct. 2022-April 2023

- Maintained Rocket's libraries in accordance with newly released frameworks in **JavaScript**, **TypeScript**, **C#**, and **.NET**
- Created unit and integration tests in **C#** and **.NET** that ensured the libraries were working as intended
- Setup and configured **CI/CD** pipelines in **CircleCI** and **GitHub** Workflows
- Using **Markdown** and **Node.js** I modified the design of their documentation page to look more appealing and organized
- Added a light and dark theme in **CSS** for the documentation page

Olo Inc New York, NY

Software Engineer Intern

June 2022-Aug. 2022

- Automated the developer onboarding process, leading to increased efficiency in setup and decrease in overall time for developers by **50%**
- Wrote automated integration tests in **PowerShell** to ensure the scripts worked according to intention
- Automated environment setup in **PowerShell** then shifted to **F#**

Projects

- **ThePassVault** - For my senior project course, my teammates and I created a password manager demonstrating the importance of cloud and security. The tools we utilized were **AWS EC2** for the website. I was responsible for creating the functionality in **JavaScript** and **React**.
- **Linux News Twitter Bot** - With a passion for Linux, I made a Twitter bot in **Python** using BeautifulSoup and Tweepy. The bot would scrape the **XML** sitemap of a Linux news website for the latest articles and post the whenever a new article was released.

Skills

- Programming languages: **JavaScript**, **Python**, and **C#/.NET**
- Frameworks: **React**, **Django**, and **Blazor**
- Cloud: **Docker** and **AWS**