

Michael Becker

117 Hilltop Drive, Mount Holly Springs PA ♦ 717-829-1597 ♦ mwbecker@andrew.cmu.edu

Web developer focused on delivering technical solutions to business and managerial users. 2+ years developing front end UIs with web frameworks and distributed data sources at US Steel. Eager to use these skills to develop web and mobile based solutions for Capital One.

EDUCATION

Carnegie Mellon University — B.S. Information Systems '21

Minor: Human-Computer Interaction

3.78 Cumulative GPA

SOFTWARE SKILLS

Application Development: HTML/CSS/JS • VueJs • Flask • Ruby on Rails • Swift

Data Analytics: Python • Java • PySpark

Backend & Misc: MySQL • Apache Hive • C • Git/Bash • Linux • VSCode • Azure DevOps

LANGUAGE SKILLS

Spanish (Read, Write) ▪ **English**

EXPERIENCE

Full Stack Developer, United States Steel **January 2020 - Present**

- Developed software in teams following agile development methodology with daily Scrum calls
- Thoroughly quality tested software prior to deployment to prevent bugs in production
- Used VueJS, HTML/CSS, and Flask to build an end-to-end steel manufacturing delay tracking system
- Performed web crawling for part-ordering cost savings project that helped save procurement division approximately \$250,000 in the 2020 fiscal year
- Assisted teammates in troubleshooting approaches to identify the root cause of problems in software
- Documented and communicated application design standards/guidelines with teammates

Course Assistant, 67-272 Application Design & Development **January 2020 - Present**

- Maintained Gitlab auto-grading server for Ruby on Rails projects
- Used Bash, CI scripting, and Docker to run an automated testing suite

Web Application Development - Final Project **Spring 2020**

- Used ReactJS to create an item selling service for CMU students and integrated Google Maps API to display item locations along with user email authenticated security

Application Design and Development **Spring 2019**

- Created a full stack e-commerce web app for a baking company using Ruby on Rails
 - Employed test-driven development software paradigm in phases
- Specifications included employee, order, and customer management functionality

ORGANIZATIONS

ScottyLabs, Director of Design **February 2019 – 2020**

- Created and distributed event advertisements and recruited new members for design team