Michael Becker

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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.

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