

Zac Henney

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Education

Bachelor of Science, Computer Science

San Francisco State University, San Francisco, CA

Expected Graduation: May 2019

GPA: 3.78

President's Leadership Fellow

Association for Computing Machinery

Projects

Smart Mirror Dashboard Generator ([repo](#))

- Built out a platform that provides users with an easy way to make a smart mirror dashboard. Intended for non-programmers
- Implemented user authentication, database model, routing, 3rd party API calls, rendering logic, and various database seeding scripts

Technologies Used: JS (Vanilla/ES6) Express.js Node.js Bootstrap Python Heroku
Postgres

Infinite Image ([repo](#))

- Using User Centered Design and Agile/SCRUM, I led a team of 7 student engineers in the rapid prototype development of a stock photo site.
- Managed project scope and milestones ensuring deliverables were completed on time
- Worked across the stack implementing search, user type-based routing, and rendering logic

Technologies Used: Ruby on Rails Bootstrap AWS MySQL Github

Bytecode Interpreter ([repo](#))

- Implemented an interpreter for a mock language called "X" (provided by the professor)
- This project was an exercise in using various data structures such as Stacks, HashMaps, and ArrayLists while also examining the inner workings of an interpreter

Technologies Used: Java Github Netbeans JUnit

HTTP Web Server ([repo](#))

- Web server application capable of a subset of HTTP
- Implemented the reading of server config files, generation and sending of HTTP responses, and authentication

Technologies Used: Java Github Netbeans

Work Experience

Operations Manager | Bizness Apps

Mar 2015 – Jan 2017

- Managed an internally developed iOS build/deployment tool that decreased build and deployment time by ~85% while maintaining a ~99% uptime. Received the CEO Excellence Award
- Converted bug reports from customer service into actionable JIRA tickets for dev team
- Acted as liaison between customer service and product/engineering teams.

Technical Support | Bizness Apps

July 2014 – Mar 2015

- Provided support for escalated technical issues and created client facing product tutorials
- Involved in new hire training and creation of training materials