Harold Jackson

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Education

The University of Texas at Austin	**Austin, Texas**
B.S. in Computer Science, Turing Scholar and Polymathic Scholar	*2015–2019*

Software Skills

- Java: Intermediate
- Python: Intermediate
- C: Intermediate
- mySQL: Intermediate
- Javascript: Intermediate
- Git: Intermediate

Experience

WP Engine	**Austin, Texas**
Software Engineer Intern	*Jun. 2016–Aug. 2016*

Developed a full stack web application

- created a REST API using Django Framework
- ensured functionality of Django API with 86% code coverage
- implemented a modular dashboard using C3 Javascript library and bootstrap
- utilized the Agile process to accomplish project goals
- used Heroku for continuous deployment

Planview	**Austin, Texas**
Software Engineer Intern	*Jun. 2017–Aug. 2017*

Worked on deployment services for Troux product

- created a Docker registry to store various Docker images
- used Jenkins container to build and deploy Troux product
- modified a Groovy script to run tests inside a Linux container
- utilized the Agile process and collaborated with members of Troux team

Relevant Coursework

CS Honors: *Data Structures and Algorithms, Discrete Mathematics*

CS: *Competitive Programming, Intro to Computer Security, Principles of Computer Systems, Ethical Hacking, Computer Architecture*

Math: *Multivariable Calculus Honors, Intro to Probability and Statistics*

Projects

- Web Crawler: uses index to allow for users to query web pages
- Daily Twilio Alert: sends user the national holidays of the current day
- CCDC competiton: As a part of blue team, worked to defend system from attacks
- Tetris Game and AI: functional Tetris game and an AI to play the game