Tirey (Ty) Morris

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https://github.com/tireymorris

EDUCATION

University of Texas at Austin
Bachelor of Science in Computer Science (Expected Fall 2017)
GPA: 3.33

Relevant Courses:

Modern Web Applications, Software Design, Operating Systems, Data Management
Discrete Math, Computer Architecture, Data Structures, Algorithms, Programming Languages

PROFESSIONAL EXPERIENCE

Bluebeam, Inc. (Pasadena, CA): Software Engineering Intern (May 2016 - August 2016)

- Practiced collaborative engineering and agile software development during the creation of a production-ready analytics dashboard web application. (Built with ReactJS and Alt)

UnboundID (Austin, TX): Software Engineering Intern (May 2015 - May 2016)

- Spearheaded creation of a web application that leveraged Flask, JQuery, MongoDB, and Twitter Bootstrap to deliver analytics on customer support data in useful formats for internal tools.
- Created a system provisioning tool with Cobbler, Puppet, and Kickstart scripts as a PXEBoot and configuration management solution, saving hours of manual configuration per OS installation. Helped develop an accompanying Django web interface to image machines.

PROJECTS

- **JIRASlackPlugin -** Built a NodeJS application to provide realtime JIRA notifications in a Slack channel through interception and transformation of webhook POSTs
- **RideSafe:** Developed an Android application that ensures safety while riding in an Uber or Lyft by sending live location updates to a private map, accessible only to a specific "safe contact."

LANGUAGES/SKILLS

JavaScript (Proficient) - ReactJS, AltJS, Karma/Mocha/Chai, Mongoose, Express, NodeJS
Java (Proficient) - Spring, Jersey, Hibernate, JUnit, Jackson
Groovy (Experienced) - All of the above libraries
Python (Experienced) - Flask, Restless, SQLAlchemy, PyUnit
MongoDB, SQL (Experienced)
HTML/CSS (Experienced)
C (Experienced)

HONORS AND AWARDS

- **Hackathons**
  Placed 9th of 396 teams at HackDFW 2015 for RideSafe
  Selected to attend Hack the Planet 2015 in Mountain View, CA
- **Terry Scholar Student Association**
  Scholarship program promoting community involvement and academic excellence; awarded to less than 300 students per year