

Alexes Presswood

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PROFESSIONAL EXPERIENCE

Shamrock Trading Corporation, Overland Park, KS

Software Developer – January 2017 – Present

Task: Full-stack development for Shamrock's customer-facing Android, iOS, and web applications. The Trip Management application provides a tool to create, manage, and send communication about trips to external users. This reduces the communication barrier between the dispatcher and truck driver and uncomplicates the process of booking and managing shipping requests.

This position includes bi-weekly deployments to alpha and beta, leading developers in story creation based on the specification of the project, and training interns during the summer. Work is done in an Extreme Programming environment with an emphasis on test-driven development, daily standup meetings, and frequent story breakdowns.

Accomplishments:

- Expanded both the Protransport desktop application as well as the Trip Management mobile application in-parallel.
- Increased uptime to 99.999% of a web application that makes 90% of the company's revenue.
- Maintained and enhanced web applications that generate the majority of the company's revenue.
- Created Node.js microservices for interaction between the mobile applications and the database.
- Obtained full unit test coverage on all products.

Technical Tools: Java, Swift, Node, Angular, C#, PostgreSQL, REST, AWS, Google Cloud Platform

State Farm, Bloomington, IL

Summer Intern – May 2016 – August 2016

Task: Streamlined the data fabrication effort by collaborating with an international vendor in order to develop an internal data obfuscation tool. This tool uses rules to define the structure of the fabricated data and can create thousands of rows of data within seconds to help test internal applications.

Work was done on an individual basis referencing a predefined project specification.

Accomplishments:

- Increased efficiency for internal test developers due to immediate availability of fabricated data.
- Provided secure and scrubbed data for internal testing environments.
- Conducted speeches over the data fabrication effort to visualize to the department the use and benefits of the tool.

Technical Tools: Java, PostgreSQL

EDUCATION

University of Missouri – Columbia

Bachelor of Science in Computer Science | Minor in Mathematics

GPA: 3.8/4.0

August 2013 - December 2016

Accomplishments:

- Achieved Dean's High Honor Roll all semesters of college.
- Nominated and won the Boeing Scholarship for academic achievement.

Memberships:

- Former service chair of The Little Sisters of the Pearls and Rubies, a service sorority on campus.
- Former member of Upsilon Pi Epsilon, an exclusive Computer Science Honor Fraternity.

PERSONAL PROJECTS

- Developing an Android and iOS mobile application that utilizes Google Maps to create a social platform to meet others in the same city. *Technical Skills:* Kotlin, Swift, Node, PostgreSQL, AWS