

EDUCATION

Purdue University
Bachelor of Science in Computer Science

West Lafayette, IN
Aug 2014 – May 2018

EXPERIENCE

Salesforce
Software Engineering Intern

San Francisco, CA
Summer 2016 & 2017

- **Missiles:** Built horizontally scalable distributed system to dynamically generate traffic for testing, monitoring and providing customer demonstrations of the IoT Cloud product functionality. Controller manages scheduling by dynamically spinning up Heroku instances. Scalable tested up to 20,000 rps.
- **MeetForce:** Developed scheduling application utilizing Django and interfacing with internal applications, Google hangouts, and gotomeeting. Implemented QR-code attendance system into scheduling application. Integrated company wide for tracking employee attendance at “all-hands” and retrieving feedback from employees.
- **Marketing Cloud Testing:** Integrated Cucumber testing framework with Marketing Cloud application to enable non-technical staff to significantly increase test coverage. Proceeded to implement tests to double test coverage of new and legacy Marketing Cloud application.

TMC Bonds
Application Developer Intern

New York, NY
Summer 2015

- **Gradle build migration:** Implemented multi-project and legacy build script migration from ANT to Gradle.
- **Sencha5 SASS compilation:** Extended Sencha5 to support SASS css compilation to facilitate internal application migration.

Net@Work
Web Development Intern

New York, NY
Summer 2014

- **Magento eCommerce sites:** Developed client web applications to design specifications.
- **Selenium automated testing:** Investigated automated multi-browser and multi-device testing of client web applications using selenium testing framework.

Purdue University
Teaching Assistant

West Lafayette, IN
Jan 2015 - present

- **CS 10100: Digital Literacy:** Wrote materials under Professor Douglas Comer for newly recognized course teaching an introductory view of computing to new students. Created and graded all teaching aids and assignments for lectures and exams.
- **CS 18000: Problem Solving and Object-Oriented Programming:** Wrote bi-weekly labs for Purdue’s introduction to computer science course in Java. Staffed computer labs and assisted students in completing their work.
- **CS 19000: Freshman Tools and Resources:** Organized and taught bi-weekly sessions to 400 newly admitted computer science students on the basics of git, vim, bash, and other critical software tools.

PROJECTS

MakeItHire: Designed and implemented a job posting web application allowing students to apply to multiple job listings at the same time.

BusDue: Built iOS application for Purdue’s bus system. Utilized DoubleMap API, Google Maps API, and PurdueIO.

Prompt: Created iOS social application in Swift at 2015 Boilermake Hackathon. Awarded 6th place.

Hermes’ Locker: Developed enterprise software for securely sending documents while maintaining the sender-receiver agreement.

PROGRAMMING SKILLS

Languages: Ruby, C++, SQL, Java, Swift

Technologies: AWS, React, iOS, Android