

Work Experience

- **Software Engineer, Two Sigma** August 2019 - Nov 2024

Technical Lead for OnCall Service, a translation layer between a vendor alerting product and internal infrastructure. Functionality included a REST API, complex caching requirements, Slack integration, error handling, scalability, and reliability.

- Drove the product from its origin as an intern project to a key component of several critical systems, with 200+ unique users internally.
- Complemented by manager for my ability to quickly identify and resolve complex issues with excellent user service.
- Wrote and maintained the primary backend in Java using Dropwizard and Google Guava, with extensive integration testing through our CI/CD service.
- Recognized by manager by consistently receiving above-average discretionary performance bonuses.

Individual Contributor on a top-priority crossteam initiative to restructure release path controls.

- Led integration with existing legacy workflows across multiple teams: gathering requirements, understanding technical problems, learning new tools and API frameworks.
- Drove implementation of new microservice to monitor Jira queues and ensure accountability and approval for production-critical releases.

Individual Contributor on a crossteam pilot of Web Components technology. Worked with two other teams to rewrite existing web UIs to reduce code size, duplication, and technical debt by an estimated 70%.

Intern Manager and Buddy Selected by manager to provide guidance, mentoring, and technical coaching for three interns.

Interviewer Trusted and relied upon to administer one-hour technical interviews and deliver detailed feedback for more than 50 applicants for internship and full-time positions.

Instructor for multiple “Hacker Lab” courses, including amateur radio, soldering, and 3D printing.

Technical Expertise

Java	Python	TypeScript	Angular
Flask	Marshmallow	CI/CD	Unit Testing
Linux	git	REST APIs	Web Components

Technical Experience

Windows	Common Lisp	JavaScript	Ansible
vim	emacs	Code Generation	Jira
C	C++	Rust	

Education

- **Texas A&M University**, College Station, TX September 2014 - May 2019
Computer Science, Bachelor of Science
Cybersecurity, Minor
Mathematics, Minor