

Ryan Slama

Work Experience

Slack | Software Engineering Intern Summer 2019

- Shipped new infrastructure for vulnerability detection in codebase dependencies (an OWASP top 10 issue)
- Built service monitoring, tracking, and alerting vulnerabilities
- Designed and developed interactive SPA dashboard
- Implemented RED monitoring with Prometheus and Grafana
- Obtained cross functional buy in to maximize project impact

Technologies: Kubernetes, AWS RDS, Typescript, React, Flask

Kleiner Perkins | Engineering Fellow Summer 2019

Selected as 1 of 48 from over 3000 applicants

Slack | Software Engineering Intern Summer 2018

- Reached MVP 6 weeks ahead of schedule
- Built service automating internal security review process
- Proposed & implemented API request signing standard

Technologies: Terraform, Hacklang, React, MySQL, Vitess, Flask

Goodyear | Software Engineering Intern Summer 2017

- Developed an extensible authentication system used globally
- Implemented static code analysis to improve release quality
- Redesigning a global app homepage for usability and accessibility

Campus Involvement

Design & Tech Initiative Project Team

Instructor, Trends in Modern Web Development Aug '19

- Teaching for-credit Cornell class on modern web technologies
- Topics include web app architecture, API and database design

Technical Product Manager May '18 – Aug '19

- Scaled project to 1,200 users who asked 12,000 questions
- Set technical direction and lead a team of 4 other engineers
- Migrated to Firebase for faster onboarding and development

Software Engineer Jan '18 – May '19

- Designed Postgres database schema and GraphQL API
- Built PWA with Express, React, Typescript, and Apollo GraphQL

Cornell Hacking Club

Director of Outreach Jan '18 – Jan '19

President Jan '17 – Jan '18

- Lead creation of the organization's first Capture The Flag event

Education

Cornell | Engineering

B.S. of Computer Science

Expected early, Dec. 2019

GPA: **3.46** / 4

McMullen Engineering Scholar

Dean's List SP 18, FA 18, SP 19

Relevant Coursework

Computer Vision • Functional Programming
Advanced Artificial Intelligence • Algorithms
Data Driven Web Apps • Operating Systems
Language & Information • Discrete Structures
Digital Logic & Computer Organization
Probability • Networks • Intro to Data Science
Data Structures and OO Programming
Intro to Digital Product Design

Skills

Languages

Typescript, Javascript, GraphQL,
Python, OCaml, PHP, Hack, Bash

Frameworks

React, Redux, D3 Flask, Node, Express

Databases

MySQL, Vitess, Postgres, Firebase

Tools

Kubernetes, Docker, Vim, Webpack,
Burp Suite, Git, Terraform, Chef

Design and Prototyping

Sketch, Figma, Origami, After Effects,
Photoshop, Zeplin

Community

Delta Tau Delta

Diversity & Inclusion Chair Present

Organized diversity training sessions

Brought Campus inclusivity speakers

Cornell Political Union '17 – '18

Fostered bipartisan debate on campus