Ryan Slama

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Work Experience

Kleiner Perkins Engineering Fellow - Summer 2019
Selected as 1 of 55 from over 3000 applicants

Slack
Software Engineering Intern - Summer 2019
Returning to Product Security Team
Software Engineering Intern (Product Security) - Summer 2018
Proposed & implemented API request signing standard in **Hack**
Helped audit internal **OAuth** implementation
Created **containerized** security scanner with Vue, **MySQL/Vitess**, Flask
Reached MVP **6 weeks ahead** of schedule
Tool generates internal and external reports sent to app developers

Goodyear | Software Engineering Intern - Summer 2017
Developed an extensible authentication system in PHP now deployed globally connecting Oracle, Active Directory, and a restful web service
Implemented static analysis tools into Jenkins **continuous integration**
Redesigned a global app homepage for usability and accessibility

Campus Involvement

Design & Tech Initiative Project Team
Technical Product Manager - May-Present
Scoped tasks and lead a team of 4 other engineers
Set technical direction and replaced backend to expidite development
Transitioned to GitFlow branching model to improve release quality
Software Engineer - Jan-May 18
Developed OAuth system into Express server in **Typescript**
Created complex interactive **React** components
Connected client and sever using **GraphQL** (Apollo) and **Postgres**

Cornell Hacking Club
Director of Outreach - May-Present
Created presentation framework and sponsorship packet
President - 2017-18
Lead creation of the organization's first in house CTF
Competed in security Capture The Flag competitions involving cryptography, web app security, and reverse engineering

Spotcheck - 2018-Present
Designed and developed **React/Redux** frontend with CSS-in-JS.
Created a server to manage and synchronize many concurrent websocket connections between phones and android TV applications.

Education

Cornell University, College of Engineering
B.S. of Computer Science, expected May 2020
Major GPA: 3.54 / 4, Cumulative GPA: 3.4 / 4
McMullen Engineering Scholar
Dean's List Spring and Fall 2018

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

Walsh Jesuit High School, GPA: 4.284 / 4

Skills
Software Engineering
Javascript: React, Typescript, D3, & Redux
OCaml, CSS/SASS, Python, Hack/PHP, Bash
Tools
Burp Suite, Jetbrains IDEs, Vim, Git, Jenkins
Design, Prototyping, & Photography
Sketch, Photoshop, AE, Origami, DSLRs

Community
Delta Tau Delta
Diversity Chair - 2018 - Present
New Member Educator & Tech Chair - 2017
Cornell Political Union - 2017-2018
Fosters bipartisan discussion on campus
Community Workshops - 2017
Taught local high school students about cyber security as part of the Girls Who Code initiative
Cornell Orientation Leader - 2017
Volunteered to help new freshmen transition to Cornell through education and friendship