

Ryan Slama

WORK EXPERIENCE

Slack Summer 2018

Software Engineering Intern

Upcoming position.

Goodyear Tire and Rubber Company Summer 2017

Application Development Intern

Developed an extensible, cascading authentication system in PHP now used in production globally that connects to Oracle, Active Directory, and a restful web service

Created reports using Ext JS framework, RESTful interfaces, and the Doctrine DBAL and ORM

Implemented static analysis tools and PHP Unit tests into our Jenkins continuous integration process

Redesigned a global app homepage for usability, with a modern look, a dashboard, and support for localization

INVOLVEMENT

Cornell Hacking Club 2017-Present

President

Team placed 6th out of over 1500 teams in Nullcon HackIM

Competed in online security Capture The Flag competitions

Solved challenges involving cryptography, web app security, reverse engineering and social engineering

PostEnroll (<https://PostEnroll.com>) 2017

Side Project

Designed and developed a Django progressive web app to monitor classes and notify Cornell students when class spots become available

Deployed on DigitalOcean VPS and secured using best practices

Implemented Gulp build process to compile SASS and optimize files

Freelance Web Design 2012-16

RyanSlama.com

Optimized sites for page speed reducing loading times by up to 68%, file size reducing page weight by up to 73%, and search engine positioning

Implemented modern web technologies to deliver compelling experience on a variety of platforms, like Django, Wordpress, & Craft

The Cornell Daily Sun 2016-17

Arts & Entertainment Contributing Writer

Wrote creative album and concert reviews

EDUCATION

Cornell University, 2016-Present

College of Engineering

B.S. of Computer Science, expected May 2020

GPA: 3.26 / 4.0

McMullen Engineering Scholar

Relevant Coursework:

Digital Logic & Computer Organization

Probability Models & Inference • Networks

Discrete Structures • Intro to Data Science

Data Structures and OO Programming

Intro to Digital Product Design

Walsh Jesuit High School, GPA: 4.284 / 4.0

SKILLS

Software Engineering

Java, Swift, PHP, HTML 5, CSS 3/SASS, Javascript, Python (including Django)

Graphic Design, Prototyping, & Photography

DSLRs, Photoshop, Sketch, and Origami

Video and Audio Processing

After Effects, Premiere, & digital audio tools

Server Administration

Red Hat, CentOS, Ubuntu Server

Other Tools

Bash / Zsh, JetBrains IDEs, Vim, Git, SVN, CVS

SERVICE

Cornell Political Union 2017-Present

Bipartisan organization

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

Pre-Orientation Service Trip 2016

Dedicated a week of summer to assist in Ithaca-area community service projects

Foodbank Volunteer 2013-17

Sorted and packaged donations for Akron area food pantries