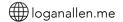# LOGAN ALLEN

⌂ 858 Renetta Ct. Los Altos, CA 94024 ☎ 1.650.492.1030 ✉ lga24@cornell.edu 🌐 loganallen.me ⊙ loganallen

EDUCATION

Cornell University

B.S. in Computer Science | May 2018
Minor in Business Administration
GPA: 3.67 | Engineering Dean's List: 6 Semesters

Relevant Courses

Data Structures and Object-Orientation • Operating Systems • Functional Programming • Database Systems • Data-Driven Web Applications • Algorithms

RELEVANT EXPERIENCE

Wayfair Software Engineering Intern

Boston, MA | Supplier Extranet | Jun - Aug 2017

Created a control center to monitor and manage the health of the supplier extranet team's services and applications • Full-stack web development with SQL, MVC PHP, React and Redux • Made Jenkins jobs to generate and update Grafana dashboards • Agile development

Brocade Software Engineering Intern

San Jose, CA | CTO Office | Jun - Sept 2016

Designed a micro-services infrastructure for their mobile edge computing POC • Constructed an RPC protocol in Python and Golang using ZeroMQ as a networking framework and Avro for data serialization • Communicated directly with global business partners

iD Tech Camps Instructor

Stanford, CA | May - Aug 2015

Taught Python and Java to middle and high school students • Optimized campers' learning through personalized instruction and adjusted curricula • Incorporated my own teachings of object-orientation and graphics to improve the quality of programming exposure

Cornell App Dev iOS Developer

Ithaca, NY | Feb 2016 - Present

Design and build complex iOS apps on a team of Cornell designers and developers • Implement MVC architectures with delegation design patterns • Scrum workflow

WayFlow (Hackathon Project)

Boston, MA | July 2017

Internal stack exchange tool for Wayfair • Slack-bot integration, machine learning learning, Solr for data searching, and SQL, PHP, React and Redux web stack • Awarded *most innovative* project by the CTO judge panel

BigRedMaps

Los Altos, CA | Dec 2016 - Present

Full-stack implementation and design of a location-based iOS app to help navigate Cornell's campus • Node-js backend, Swift front-end integrating MapKit, web scraping

CmlControl

Ithaca, NY | Nov - Dec 2016

A git-inspired local version control system built in OCaml that includes branches, merging, code modularity, SHA1 hashing, file compression and tree objects for indexing • Award-winning final project among 300 other students

TowerDefense

Los Altos, CA | Jun - Aug 2015

Over 2,000 lines of object-oriented Python involving animated waves of enemies and weapon upgrades • Utilizes basic A.I. and the PyGame library for graphics

SKILLS & SOFTWARE

Programming

Java • Python • Swift • JavaScript • React • OCaml • PHP • HTML • CSS • C • Assembly • Golang

Git • SQL • Redux • Grafana • TCP/IP • ZeroMQ • Avro

Operating Systems & Software

Unix • Xcode • Sketch • Logisim

ADDITIONAL EXPERIENCE

CU Men's Club Volleyball Team Captain

Ithaca, NY | Aug 2014 - Present

Lead drills, run meetings, and give both athletic and academic advice • Balance 20+ credits of school work with bi-weekly practices and regional weekend tournaments

Phi Kappa Tau Social Chairman

Ithaca, NY | Dec 2015 - Dec 2016

Organize, administrate, budget, and delegate responsibilities for all of my fraternity's social events

ECaFT Technology Developer

Ithaca, NY | Aug 2014 - Feb 2017

Create interactive web and mobile applications for student use at the Engineering Career Fair • Make designs using Sketch and build code in Swift with Xcode