

SAMUEL CHASE

samuelbchase@gmail.com ◊ (847) 736-3591
samuelbchase.com ◊ github.com/samuelbchase

EDUCATION

California Polytechnic State University
B.S. in Computer Science GPA: 3.67

June 2019

EXPERIENCE

Intuit Inc

Software Engineering Intern

June 2018 - Present

San Diego, CA

- Saved an estimated 10,000 yearly hours by automating the process of manually updating tax forms
- Partnered with a small team of internal tax professionals and senior engineers to design system architecture, determine use cases, and find nonfunctional requirements
- Created a Mapping Service to construct mappings of interdependent fields across multiple tax domains
- Developed a Spring Boot service to parse tax documents and locate all documents affected by tax code changes
- Exceeded Intuit standards for unit test coverage, agile development, and style guidelines

Cal Poly AFD Network & Support Team

Assistant Web Developer

September 2017 - June 2018

San Luis Obispo, CA

- Modernized the Cal Poly website using HTML, JavaScript, and Foundation CSS
- Designed and implemented responsive and user-friendly front-end interfaces
- Implemented responsive forms and business logic using JavaScript, AJAX, and server-side JSON

IQMS

Software Engineering Intern

June 2017 - September 2017

Paso Robles, CA

- Developed and maintained the company's forward-facing .NET web API
- Wrote Windows Forms and UWP applications to interface with the IQMS web API
- Created a standardized menu bar template for the IQMS web app

SpaceX

Information Technology Intern

March 2017 - June 2017

McGregor, TX

- Automated configuration of SNMP, DNS, DHCP, and firmware on APC network devices
- Scripted analysis tool to generate reports regarding Power over Ethernet devices across company VLANs
- Maintained a large enterprise network consisting of interacting Windows and Unix systems

Cal Poly AFD Network & Support Team

Student Support Technician

February 2016 - March 2017

San Luis Obispo, CA

- Troubleshoot and resolved computer hardware and software problems
- Used Windows scripting to automate software deployment on a large scale
- Provided excellent customer service to employees of the Cal Poly corporation

PROJECTS

- **Senior Project** A professor supervised project to develop and prove algorithms for finding spanning trees on graphs with per-vertex degree constraints
- **Whisper.io** Designed, as part of a team, an encrypted chat messaging app using NodeJS and SocketIO
- **PolyCon.org** Developed a PHP/MySQL website for the PolyCon board game club
- **SapientRazorfish Data Analysis** Worked on a team which designed a database to house, scrub, and analyze marketing data for the marketing firm SapientRazorfish
- **MyHTTPD** Used C to create a basic web server using Beej's guide to network programming
- **SMake** Designed a program in C which acts as a slightly simplified version of Make
- **Java Tutor (Summer 2015)** Private tutor for a 12-year-old student
- **Java Tutor (Summer 2014)** Taught public lessons to a class of 20 elementary school students

LANGUAGES & TECHNOLOGIES

Skilled	Java
Proficient	SQL, Spring Boot, C#, ANSI C, JavaScript, HTML/CSS, LaTeX
Familiar	React, Python, PHP, Bash, R