SAMUEL CHASE

samuelbchase@gmail.com ⋄ (847) 736-3591

samuelbchase.com ⋄ github.com/samuelbchase

EDUCATION

California Polytechnic State University *June 2019*
B.S. in Computer Science GPA: 3.7

EXPERIENCE

Intuit Inc June 2018 - Present
Software Engineering Intern *San Diego, CA*

· Saved thousands of work hours by automating the process of manually updating tax forms
· Partnered with a 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 September 2017 - June 2018
Assistant Web Developer *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 June 2017 - September 2017
Software Engineering Intern *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 March 2017 - June 2017
Information Technology Intern *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 February 2016 - March 2017
Student Support Technician *San Luis Obispo, CA*

· Troubleshot 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 Website** Developed a PHP/MySQL website for the Cal Poly board game & convention 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

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