SAMUEL CHASE

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EXPERIENCE

Intuit   April 2019 - Present
Software Engineer I - Core Tax Services   *San Diego, CA*

· Implemented a feature to automatically import tax forms and notify customers when they are ready
· Improved the W-2 import process by better integrating Optical Character Recognition into our services
· Helped enhance and upgrade highly scalable, functional style microservices for processing tax returns, capable of handling 640k concurrent users
· Worked with the Core Tax Services to spearhead adoption of Docker/Kubernetes and modernize our codebase

Intuit   June 2018 - September 2018
Software Engineering Intern - Knowledge Artifact Services   *San Diego, CA*

· Developed a back-end service to automate the manual process of updating tax forms, greatly reducing necessary yearly work hours.
· 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

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 - December 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

EDUCATION

California Polytechnic State University   *September 2015 - March 2019*
B.S. in Computer Science GPA: 3.7

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

LANGUAGES & TECHNOLOGIES

Proficient   Java, SQL, Spring Boot
Familiar   JavaScript, ANSI C, ActiveMQ/JMS, Python, PHP, Bash, HTML & CSS