

# SAMUEL CHASE

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## EXPERIENCE

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### Intuit

April 2019 - Present

*Software Engineer I - Core Tax Services*

*San Diego, CA*

- Developed a Java 8, functional style service to automatically import and prepare tax documents for customers
- Improved the W-2 import process by better integrating Optical Character Recognition technology with our existing services
- Assisted in the process of upgrading financial document transfer to utilize OAuth
- Helped enhance and upgrade a highly scalable microservices based project 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

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### California Polytechnic State University

*September 2015 - March 2019*

B.S. in Computer Science GPA: 3.7

## PROJECTS

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- **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

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### Proficient

Java, SQL, Spring Boot

### Familiar

JavaScript, ANSI C, React, Python, PHP, Bash, HTML & CSS