SAMUEL B CHASE

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EMPLOYMENT

Assistant Web Developer   **Cal Poly AFD Network & Support Team**   **September 2017 – Present**

- Worked to modernize 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

Software Engineering Intern   **IQMS**   **June 2017 – September 2017**

- 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
- Tested and debugged newly developed software features
- Utilized agile software development practices

IT Intern   **Space Exploration Technologies (SpaceX)**   **March 2017 – June 2017**

- Maintained a large enterprise network consisting of interacting Windows and Unix systems
- Used Python scripting to automate network maintenance tasks
- Automated configuration of SNMP, DNS, DHCP, and firmware on APC network devices
- Assisted in managing Windows Active Directory and Group Policy

Student Support Technician   **Cal Poly AFD Network & Support Team**   **February 2016 – March 2017**

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

EDUCATION

San Luis Obispo, CA   **California Polytechnic State University**   **Fall 2015 – June 2019**

- B.S. in Computer Science GPA: 3.63
- Undergraduate Coursework: Data Structures, Systems Programming, Databases, Machine Language and Assembly, Systems Architecture, Fundamentals of Object Oriented Languages, Discrete Mathematics

TECHNICAL EXPERIENCE

Projects
- Used C to create a basic web server using beej's simple_net guidelines
- Wrote a 20 questions like game in C that utilizes machine learning concepts
- Designed a program in C which acts as a slightly simplified version of Make
- Developed a website for the PolyCon board game club using HTML, CSS, and JavaScript, that includes a MySQL & PHP back end to store game entries for an event schedule

ADDITIONAL EXPERIENCE

- **Java Tutor (Summer 2015):** Taught private lessons to a 12-year-old student in Chicago
- **Java Tutor (Summer 2014):** Taught publicly to a class of 20 elementary school students

LANGUAGES AND TECHNOLOGIES

- **Skilled** – Java, SQL
- **Proficient** – C#, ANSI C, JavaScript, HTML/CSS
- **Familiar** – Python, PHP, Bash, AngularJS, R
- Experience with Unix Systems (Linux and Mac OSX) as well as Windows