

Marek Sautter

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Professional Summary

Dynamic and motivated computer science specialist dedicated to finding the most efficient solutions in life. Proficient at designing, developing, and implementing software using leading edge frameworks and languages. Proven communication and leadership skills demonstrated in the workplace and extracurricular clubs.

Strength and Expertise

Strengths: Software Engineering, Back-End Web Architecture, Front-End Web Architecture

Languages: Python, JavaScript, C Sharp, C++, and SQL

Frameworks: Flask, Express, and React

Tools: Visual Studio, Visual Studio Code, and Postman

Other: HTML, CSS, Github, ServiceNow, REST, and Salesforce

Education

California State University, Fullerton

Bachelor of Science, Major in Computer Science, Minor in Mathematics (3.3 GPA)

Fullerton, CA

Expected May 2020

Professional Experience

California State University, Fullerton

IT Student Fellow

Fullerton, CA

June 2017 – Present

- Provide support for internal users, develop **Python** scripts for servers, and assist with **SalesForce** integration

Relevant Courses

- Web Back-End Engineering for Enterprise Applications
- File Structure and Databases
- Algorithm Engineering
- Operating Systems Concepts

Class Projects

Point of Sales System – Software Engineering – <http://mareksautter.com/c-project1.html>

Spring 2018

- Self checkout **desktop application** built using **C#**, **XAML**, and the **Windows Presentation Foundation**
- Dynamically displays inventory items from an **SQLite database** and features a **login window** for Admin controls

Web Service API Forum – Web Back-End Engineering – <http://mareksautter.com/c-project2.html>

Fall 2018

- Custom **Application Program Interface** for an online forum with threads, posts, and users
- Backend built with **Flask** that manipulates an **SQLite database** and features an **HTTP-Basic Auth** log-in for POSTS

Personal Projects

Professional Website – <http://mareksautter.com/index.html>

- Personal website for hosting my professional profile and displaying personal projects and documentation
- Built using **HTML**, **CSS**, and **JavaScript** with **Dynamic HTML** pages

Spring 2018

Summer of Coding – <http://mareksautter.com/summer.html>

Summer 2018

- Several 1 hour codepen.io projects ranging from **Gravity Simulator** to **Morse Code Translator**
- Features some JavaScript libraries including **p5.js**, **matter.js**, and **rita.js**

Spotify User Stats – <http://mareksautter.com/p-project1.html>

Winter 2018

- Web App that displays a Spotify user's information including their followers, top tracks, and top artists
- Back-end built using **Node.JS Express Framework** and front-end with **React.JS** that calls the **Spotify Web API**

Extra-Curricular Activities

CSUF Association for Computing Machinery

Fall 2018

- Helped design and develop a "CSUF Course Calendar" Plugin that allows students to automatically add their Class schedules from <https://my.fullerton.edu> to their Google Calendar

Titan Rover – University Rover Challenge

Spring 2018

- Independently created a Universal Windows Platform App that displayed the Rover's input from device controllers and error codes