John Salman

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OBJECTIVE

Detail oriented, fast learning, and versatile programmer, looking for a challenging position that enables me to contribute to cutting-edge applications.

EDUCATION

Sonoma State University (SSU), Rohnert Park
B.S., Cum Laude with Departmental Distinction, Computer Science
Graduation Date: May 18th, 2019   GPA: 3.52
Accolades: Deans List (Fall 2015, Spring 2016, Fall 2018, Spring 2019)

TECHNICAL SKILLS

Proficient Languages : C++, Python, Javascript (+ NodeJS), C, SQL
Familiar Languages : HTML, CSS, Bash, Scheme, LaTeX
Database : MySQL, MariaDB, AWSCloud, Firebase
Framework : MVC, React(Native), Amazon Alexa
Misc. : Unix Command Line, CPU Analysis, Algorithm Analysis, Language Design

EXPERIENCE

Climbing Wall Routesetter, *SSU*   **Jan. 2016 - Nov. 2018**

- Designed and built climbing routes to challenge climbers of all skill-levels
- Maintained the wall, replacing worn components and checking safety equipment
- Trained volunteers and new hires, providing guidance as their skill bases grew

Beach Lifeguard, *City of Santa Barbara*   **Summers 2013 - 2018**

- Responded to emergency situations and provided immediate first aid
- Worked with Junior Lifeguards in the 7-10 and 14-18 age groups, providing an exciting introduction to lifeguarding
- Trained rookies and the City-Fire Water Rescue Teams in ocean rescue techniques

PROJECTS

Advising Website

A website build with Material Components in React and powered by a RESTful API. It allowed advisors to create appointments with students, and allowed students to view/request appointments with advisors.

- **Technology/Tools:** NodeJS, SQL, React, Material
- **Link :** github.com/john-salman/Advisor_UI

Academic Project: Real Class

I developed a C++ class, intended to be more accurate than the current double class, and execute within acceptable time bounds. Out of a class of over 30, I was one of three that passed all test cases.

- **Technology/Tools:** C++, Bash/Makefile
- **Link :** github.com/john-salman/Real-Class