

SCOTT SUSANTO

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EDUCATION

University of Southern California
Bachelor of Science in Electrical Engineering and Computer Science

GPA: 3.82
May 2023

Pepperdine University
Bachelor of Science in Computer Science and Mathematics

GPA: 4.0
August 2019-May 2021

Honors: Pepperdine Seaver Scholar, Dean's List Fall 2019-Spring 2020, Natural Science Grant Recipient

TECHNICAL SKILLS

- Languages: C++, Java, Javascript, Python, Go, CSS3, HTML5
- Frameworks: Angular, React, Express, Node JS, Next JS, Mongoose, Firebase, Bootstrap, Figma
- Tools: Git/Github, Ubuntu, MongoDB, Postman, Heroku, VIM, VS Code

WORK EXPERIENCE

Full Stack Software Engineering Intern

May 2021-July 2021

Snap Fitness Inc, Jakarta

- Wrote Python scripts for White Box testing pertaining to user auth, security, and other structured paths
- Refactored existing code base for improved performance and readability and updated documentation

Front End Engineering Intern

May 2019-July 2019

Snap Fitness Inc, Jakarta

- Initiated a project to build a Success Stories feature for members to post their extraordinary physical achievements
- Collaborated in a team of 3 and applied React JS and custom CSS to build the Success Stories component from scratch

LEADERSHIP

Director of Memberships, Beta Psi Omega Natural Science Fraternity, Pepperdine University

August 2020-May 2021

- Interviewed incoming members and recommended potential candidates for e-board positions
- Managed administrative tasks for existing members and worked closely with logistics for biweekly events

Firefighting Commander, Sentosa Fire Station Rotation 3

April 2017-February 2019

Singapore Civil Defence Force, Singapore

- As Lieutenant, commanded team of 6 Section Commanders and 15 firefighters in operational fire station during mandatory Singapore National service
- Upheld station operational readiness, ensured vehicle and logistical maintenance, conducted field exercises in 4 HRI's across Singapore
- Ranked as 'Outstanding Performance' by Major Chu, Commanding Officer

RESEARCH EXPERIENCE

Research Intern, Valero Lab

September 2021-December 2021

- Applied the Arduino SPI Library to interface custom board containing ADC, DAC, and load cell
- Communicated with electric motor and rotary encoder to generate feedback loop

ACADEMIC PROJECTS

Universal Scheduling de-Conflictor (USC)

August 2021-December 2021

- Collaboration in 6-person team at USC software engineering class to create
- Web app to optimize ease of scheduling new appointments between multiple users
- Utilized Java Spring for route handling, Firebase for database management and user auth for backend
- Employed React JS and Figma for frontend
- Primary role involved deploying ExecutorService interface for multi-threading to find availabilities efficiently

YelpCamp

February 2019-April 2019

- Enrolled in Colt Steele's Web Dev Bootcamp, creating Yelp-style web app to rate campgrounds across the US
- Utilized Express and MongoDB for backend, EJS and Bootstrap for frontend
- Employed third party services including Cloudinary, Mapbox, Helmet, express-flash, Heroku to push additional features