

Amit Sant

Excited to gain experience as a professional and contribute to a positive work environment

EDUCATION

University of California, Berkeley — *Bachelor's in Computer Science*

August 2019 - June 2023 - GPA: 4.0

Relevant Courseload: Structure and Interpretation of Computer Programs (Python, LISP, SQL), Designing Information Devices and Systems I and II, Data Structures (Java), Discrete Mathematics and Probability Theory

Horizons School of Technology

Developed proficiency in full-stack development using NodeJS with tools including JQuery, ReactJS and MongoDB through projects including clones of Facebook, Twitter, Amazon, and Yo! as well as developing our own ideas.

Ohlone College

August 2018 - June 2019 - GPA: 4.0

Relevant Courseload: Introduction to Programming Using C++, Discrete Structures

PROJECTS

Yo! App Clone — *Development with NodeJS and ReactJS*

- Engineered a cross-platform implementation of Yo! using ReactJS and NodeJS
- Used a scalable NoSQL database (MongoDB) to handle data
- App functionality includes sending Yo! notifications along with the geographical location of the user

CLI Space Invaders — *The Traditional Arcade Game in the CLI*

- Designed and built a full fledged Space Invaders game using C++ which runs in the CLI

Share My Look — *Fashion App for Freelance Models (Prototype)*

- Prototyped application after refining ideas to fit team's vision and technical capabilities
- Directed a team in the development of backend functionality using NodeJS and MongoDB

Physics Simulation — *Modeling Projectile Motion*

- Utilized HTML Canvas to create an educational physics simulation for my teacher

WORK/VOLUNTEER EXPERIENCE

Mission San Jose Elementary Chess Club — *Small Group Tutor*

- Worked in both paid and unpaid positions as a tutor for nationally-renowned elementary school chess program through high school

MSJE MathCounts/Olympiad — *Classroom Teacher*

- Prepared a class of 15-20 students for various math competitions with weekly classes

High School STEM Success Tutor — *Individual Tutoring*

- Worked one-one-one with a high school geometry student over the course of a school year to help him understand the material

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SKILLS

Python

Java

Javascript

ReactJS

C++

NodeJS

MongoDB

JQuery

Bootstrap

Scheme (LISP)

SQL

HTML/CSS

HTML Canvas

INTERESTS

Chess

Teaching

Coding

Gaming

Comedy

Reading

LANGUAGES

Spanish

Marathi