Shayan Sarnevesht

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San Jose, CA. Willing to relocate.
Objective: Software engineering, Data Science, Machine learning roles

EDUCATION

University of California, Los Angeles
Incoming freshman | September 2020 - June 2024
Relevant Coursework (2020 - 2024):
- UCLA (In progress): Introduction to Computer Science (CS 31), Multivariate Calculus (Math 32A), Computer Science Seminar (CS 1), Computing Immersion Summer Experience (ENGR 21), First Year Engineering Transition Bridge (ENGR 20)

Saratoga High School
GPA: 3.95 UW / 4.32 W | National Merit Finalist | High Honors | September 2016 - June 2020
Relevant Coursework (2016 - 2020):
- *Saratoga High School*: AP Computer Science A, AP Calculus BC, AP Chemistry, AP Gov/Econ, AP Spanish Language and Culture, AP Physics 1&2
- *De Anza College*: CIS 22B: Intermediate Methodologies in C++ (A), CIS 18A: Introduction to Unix/Linux (A), CIS 22C: Data Structures and Algorithms (A), CIS 18B: Advanced Unix/Linux (A)
- *HarvardX CS50*: Introduction to Computer Science (Independent)

EXPERIENCE

Saratoga High School- *AP Computer Science Teaching Assistant*
August 2019 - June 2020
- Assisted in teaching software engineering fundamentals, primarily in Java, to over 100 students. Topics included inheritance, polymorphism, sorting algorithms, and more.

BA Surgical - *Information Technology Intern*
June 2019 - August 2019
- Created and managed databases to store surgery center information.
- Provided technical consulting services for company employees, resolving problems concerning system diagnostics and troubleshooting.

PROJECTS

OuTrack - https://devpost.com/software/outrack
- A parent monitoring web app that creates geofence around a location (e.g. a user's home), and it sends an email to the parent once their child has exited the premises. Next, the parent can ask their Amazon Alexa to give them precise location updates as to the address that their child is located.
- **Software***: Node.js, Express.js (serverless hosting), Google Maps API, Notivize API, Radar.io Geofencing API

Ultimate Meal Planner - https://github.com/shayans66/Ultimate-meal-planner-1.0
- Meal Tracking app that helps people remain mindful of what they are eating and helps them keep track of their calorie intake.
- Utilizes Google's Cloud Vision API to recognize a food item when a camera is pointed at it
- **Software***: Python, Javascript, HTML, React Native, Cloud Vision API

EcoZon - https://github.com/Nauxie/ecozon
- Google Chrome extension that gives accurate rating on how ecologically friendly an Amazon product is; functional for hundreds of cosmetic products on Amazon
- Uses API to receive data on ecological friendliness and shows it for Amazon product
- **Technologies Used: Javascript, HTML, CSS**

LANGUAGES & TECHNOLOGIES

Java | Python | C++ | C | Linux | Git | Javascript | HTML | CSS | SQL | Bash