Sion Avakian

Computer Science Student

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EDUCATION

Bachelor of Science, Computer Science
University of California Irvine

06/2019 – 10/2021

Courses
- Computer Networks
- Design and Analysis of Algorithms
- Data Management
- Machine Learning and Data Mining

Associate Degree, Mathematics
Glendale College

06/2016 – 05/2019

Courses
- Linear Algebra
- Data Structures

WORK EXPERIENCE

Undergraduate Researcher
National Science Foundation - UCI Informatics/Data Science Lab

09/2019 – 06/2020

Achievements/Tasks
- Co-authored a scholarly publication regarding ethics in computer science curricula and undergraduate experiences in research.
- Presented findings to faculty concerning how community organizations use data to champion their cause and how this experience helped our team, as computer science students, to understand ethics in computer science.
- Performed case studies on non-profits and consolidated data into a database using FileMaker Pro.

Fullstack Developer - Intern
Youth Policy Institute - Techhire LA

06/2018 – 09/2018

Achievements/Tasks
- Sustained and improved organization's website working directly with the product manager and lead developer.
- Produced and maintained a follow-up system for current and past fellows using MERN stack

SKILLS

Skill	Level
Python	●●●●●
Swift	●●●●●
C++	●●●●●
HTML/CSS	●●●●○
Linux	●●●○○
Arduino	●●○○○
Solidity	●●○○○
Raspberry pi	●●○○○
Javascript	●○○○○
MongoDB	●○○○○

PERSONAL PROJECTS

Phoenix Robotics (01/2019 – 05/2019)
- Built a public service humanoid robot to guide students on campus.
- Utilized Arduino, Python, and Raspberry Pi for a functioning robot.
- Raised north of $20,000 for the project.

Timeliness - Time Management Application (06/2017 – 08/2017)
- Programmed a time management app using Swift.
- Coordinated the entire project from scratch.
- Designed and implemented the UI/UX using Sketch and Photoshop.

LANGUAGES

English
Full Professional Proficiency

Armenian
Full Professional Proficiency

Farsi
Full Professional Proficiency