Sion Avakian

Computer Science Student

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EDUCATION

Bachelor of Science, Computer Science
University of California Irvine

06/2019 – 06/2021

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
Youth Policy Institute - Techhire LA

06/2018 – 09/2018

Achievements/Tasks
- Maintained and improved company website.
- Contributed to a follow-up system for current and past customers using MERN stack.

Blockchain Research Associate
Robinloop

10/2017 – 05/2018

Achievements/Tasks
- Performed technical analysis and produced reports on upcoming blockchain and A.I. companies.
- Assisted various start-ups to incorporate blockchain into their systems
- Maintained a sizable mining farm.

SKILLS

Python
● ● ● ● ●

Swift
● ● ● ● ●

C++
● ● ● ● ●

HTML/CSS
● ● ● ● ○

Linux
● ● ● ○ ○

Arduino
● ● ○ ○ ○

Solidity
● ● ○ ○ ○

Raspberry pi
● ● ○ ○ ○

Javascript (MERN Stack)
● ○ ○ ○ ○

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 the UI/UX using Sketch and Photoshop

LANGUAGES

English
Full Professional Proficiency

Armenian
Full Professional Proficiency

Farsi
Full Professional Proficiency