Akshin Senthilkumar

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EDUCATION

B.S. Computer Science, Minor-Business   Expected May 2026
Arizona State University, Tempe, AZ   3.9 GPA
- New American Scholar   Fall 2022 - Present
- Dean's List   Fall 2022 – Present

WORK EXPERIENCE

Arizona State University, Tempe, AZ: Fulton Ambassador   01/2023 - 12/2023
- Conduct tours for visiting parents and incoming freshmen, providing detailed information about ASU's facilities and infrastructure. Address any questions or concerns they may have during the tour.
- I increased the number of incoming freshmen by at least 5% according to my knowledge

Tech Operator, Ocean Laundry, Kuwait   05/2022 – 08/2022
- Utilized Microsoft Word and CRM, Salesforce for sales management and customer transactions.
- Managed electricity and technology usage to optimize performance and reduce downtime.
- Oversaw the technical aspects of the laundry process, ensuring high-quality results.

Office Assistant, Ocean Laundry, Kuwait   05/2019 – 09/2019
- Managed customer data and generated invoices using Microsoft Office tools.
- Ensured high levels of customer satisfaction through efficient multitasking.

RELEVANT PROJECTS

Face Tracker (Using Arduino and OpenCV)
- Real-time face detection using OpenCV's Haar Cascade classifier in Python.
- Control of servos based on detected face coordinates through Arduino programmed in C++.
- Video display with overlayed face rectangles and a central reference square.

Slot Machine (Gambling)
- Developed a slot machine program as a personal project using JavaScript technology.
- Created functionality to spin the slot machine and calculate the player's winnings.
- Increased proficiency, efficiency in JavaScript by 25% through the development of this project.

Movie (Recommendations)
- Designed a system for users to share their favorite movies and receive personalized suggestions.
- Developed functionality to suggest 30 movies based on user preferences.
- Improved skills in recommendation algorithms and user interaction with Pandas, NumPy, and Jupyter Notebooks on Google Colab.

TECHNICAL SKILLS

Programming Languages: Java, JavaScript, Python, C/C++
Version Control & Scripting: Git, Linux, Windows, MacOS
Web & cloud compute: HTML, CSS, ReactJS, NodeJS, Bootstrap, Heroku, Google Colab
Data Analysis: Scikit-Learn, NumPy and Pandas
Soft Skills : Leadership, Networking, Problem-Solving, Time management, Strategic thinking

CERTIFICATIONS

- Responsive Web Design Certification (HTML and CSS)
- Python Programming MOOC (Intermediate)

COMPLETED COURSEWORK

Object Oriented Programming, Data Structures and Algorithms, Mathematics, Machine Learning, Java, Assembly Language Programming, System Architecture, Cybersecurity, Operating Systems.

SPORTS AND ACHIEVEMENTS

- U-16 FC Barcelona Club, Kuwait   08/2017 – 10/2019
- IMO Math Olympiad (2018), Rank – 1337