Resume of Omair Qazi
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Education

Sacramento City College: Computer Science, A.S. & Networking Administration/IT, A.S. —2022 (Expected)
Santa Monica College: Amazon Web Services Certification & Microsoft Azure Certification—2022 (Expected)

Relevant Coursework:

- Object-Oriented Programming with C++
- Visual Basic Programming
- Database Management & Programming
- Linux Operating Systems
- CCNA Data Communications & Networking
- Amazon Web Services (AWS) Certification

Programming Skills & Development Projects | Github.com/omque/internship-projects

Languages: C++, Python, Visual Basic 6.0, Bash | Frameworks: Foundation, WordPress | Git

Python

- *"SacHacks2021":* Submitted for Sac Hacks 2021 Hackathon. Created code to use Python libraries to run sentiment analysis of song lyrics imported via the Genius API to learn how APIs and machine learning work. First hackathon but wrote the input, and processing modules (all present in repo) but project remained unfinished due to time limits.
- *"BatchMoveFiles":* Quickly batch move files based on file extensions. Useful for batch moving .MKV (video) files upon successful download for Plex Server management. Written to learn how file management with an OS is possible using native Python libraries.

C++

- *"Babbage's Cabbages":* Class Assignment to calculate gross pay, net pay, and taxes for a company. Written to demonstrate modularization, commenting styles, variable management, and correct use of namespaces in C++.

Bash

- *"Download YouTube Playlists":* Bash script to download all personal YouTube playlists in specific naming and archive format via youtube-dl. Written to learn about bash scripting, variable management in bash environment, youtube-dl documentation, and cron jobs on Unix based machines.

Engagement with Information Technology & Community

Sacramento City College IT Networking & Cybersecurity Club   **January 2019 – Present**
Club President

- Responsible for organizing a group of IT/Networking and cybersecurity students to further learning and provide opportunities for practice after loss of access to on-campus equipment due to the COVID-19 pandemic.
- Leads bi-weekly online meetings for club members to discuss gaps in understanding and collaborate with faculty to understand industry best practices.
- Developed and awarded $600 STEM Center Grant to support members financial needs for certification exams expand the presence of the club for further impact in the campus community.
- Team Captain for the 2021 NorCal Mayor's Cyber Security Cup Challenge helping team members practice cyber security skills and best engineering practices for hacking competition.
- Leads study groups to assist members in obtaining industry certifications such as CCNA, A+, AWS, etc.

Sacramento HackerLab PPE Design Program   **November 2020 – December 2020**
Participant

- Accepted into a Design Thinking Training Program jointly run by the Sacramento HackerLab and the City of Sacramento to assist in the development of prototype personal protective equipment (PPE) tools and distribution campaigns for local homeless Sacramento residents affected by the COVID-19 pandemic.
- Designed and implemented a PPE delivery project campaign with the design of a PPE distribution device along with an ultra-low-cost marketing campaign available to the public for rapid redistribution.
- Researched existing state of the art of technical solutions regarding IoT, 3D-Printing, community mapping, and cloud computing.
- Collaborated with team members, local community groups, and local government (including the Office of the Mayor of Sacramento) to conduct in-depth research on the status of PPE deployment and effective technological/non-technological solutions to support existing efforts.