HASHEM BATTAH

Elk Grove, California · +1-916-897-4349 · hashembattah2@gmail.com · https://www.linkedin.com/in/hashem-battah-039735212/

A highly motivated student who is interested in Software Development and has the willingness to learn and gain practical experience. Effective team player with strong technical aptitude and a fundamental understanding of Computer Science. Eager to work in a supportive and collaborative environment.

EDUCATION

Cosumnes River College   Fall 2021 - Spring 2023
Relevant Coursework: Introductory Programming, Object-Oriented Programing (C++), Assembly, Data Structures and Algorithms, Intro to System Programming in UNIX
GPA: 3.9

Sacramento State University   Spring 2023 - Spring 2025
- Pursuing a Bachelor's in Computer Science

SKILLS

Hard Skills: Cyber Security, API Integration. Python, Linux, HTML&CSS, C/C++, Outlook
Soft Skills: Verbal & Written Communication, Problem-Solving, Team Player, Detail-Oriented

PROFESSIONAL EXPERIENCE

MindHomeInc.   August 2022 – Present
Software Engineer Intern
- Automated the use of Genie (Stanford's online personal assistant) via a Python script to assist in the developing stages of a voice command robot through Genie API Integration
- Assisted in the integration of a gestures robot by controlling the pace of the output from the voice command robot
- Coached and trained a new intern in voice command operations within a week with the goal to join the voice automation robot team
- Continuously planned and organized weekly meetings with fellow interns to enhance the development process which led to a 15% increase in team performance
- Attended functional lessons and conferences to learn new tools and methodologies to keep up to date on new home-automation trends and news

Dance4Healing   June 2021 – January 2022
Web Application Developer Intern
- Constructed a dynamic website by integrating a user-interactive social media login using modern JavaScript frameworks
- Assisted team leaders in making numerous "best-practices" documentation to improve the overall development process of the website
- Created detailed documentation when listening to co-interns and project managers to ensure efficient and timely delivery of deadlines for multiple concurrent projects

PROJECTS

Live Attack Map
- Derived the geolocation by using a custom PowerShell script that extracted metadata from Windows Event Viewer to be forwarded to a third-party API
- Constructed Log Analytics Workspace in Azure to ingest custom logs containing geographic information such as latitude, state, country, and longitude
- Designed Custom Fields in Log Analytics Workspace to map Azure Sentinel
- Configured Azure Sentinel (Microsoft's cloud SIEM) workbook to show attack data (RDP Bruteforce) on a map according to the magnitude and the geographical location of attacks

Keyboard Stroke Monitor
- Designed and created a fully functional keyboard stoke monitor that keeps track of a user's keystrokes and with email sending functionality using smtplib
- Set up other features such as extracting the computer's personal information (Public & Private IP address, OS Version, and Hostname), taking screenshots & audio recordings of the user, and encryption to ensure confidentiality

Harvard Robot Simulation
- Designed, structured, and created a virtual simulation of Harvard's 1968 Robot experiment using an OOP approach and using modern C++ concepts such as lambdas, enums, shared pointers, etc....