Daylam Tayari

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Education

Arizona State University (August 2020 - May 2023 [Expected])
B.S. Computer Science (Cybersecurity concentration) GPA: 3.31

Skills

Languages:	Java, Python, C++, C, SQL, JavaScript, HTML, CSS.
Technologies:	PostgreSQL, GraphQL, Metasploit, Docker, NodeJS, Burp Suite, Proxmox.
Foreign Languages:	Native French speaker, fully bilingual in French & English.
Work Authorization:	United States green card holder.
Other:	Cloud services (AWS and Oracle), GNU/Linux, Bash, Git, Latex, Autodesk Inventor.

Projects

Curated ICO (August 2021 - Present)

- Working in a coordinated team environment to develop a data aggregation and analysis platform.
- Designed and deployed a PostgreSQL database paired with a correlating GraphQL API in order to store large collections of financial data and allow for their rapid retrieval by users.
- Developed an automated data retrieval tool with an average runtime of 9.5ms that fetches financial data on cryptocurrencies from APIs and inputs them into a database utilising a GraphQL API to perform historical analysis upon.

To-Do Export - git.tayari.gg/tayari/Microsoft-To-Do-Export (February 2021)

- Frustrated by a total lack of any export solutions for the Microsoft To-Do program, I devised and developed a custom solution which exports all task lists into a format that allows it to be imported directly into other task management applications.
- Built in Java and utilizes REST APIs to retrieve the task lists which are then converted into the corresponding CSV and JSON formats in order to ensure compatibility with other task amnagement applications.

Twitch Recover - github.com/twitchrecover/twitchrecover (December 2020 - Present)

- Following mass confusion on copyright restrictions, developed a tool which has over 98,000 downloads that allows users of a popular livestreaming platform to better manage and recover their video content.
- Built in Java and utilized REST and GraphQL APIs to retrieve and feed video content to end users.
- Resolved hundreds of user tickets, performing the relevant support and issue remediation.

Shadow Realm Bot (October - November 2020)

- Following the removal of a popular moderation feature, created a livestreaming moderation bot which reimplements that feature allowing content creators to better moderate their communities.
- Developed a front end in ReactJS utilizing NodeJS packages paired with a SQL database backend.
- Implemented OAuth Authentication for user authentication paired with an API to retrieve the necessary user data and perform the moderation.

Home Network and Security Lab (March 2020 - Present)

- Continuosly advance my skills with enterprise tools and vulnerabilities by virtualizing vulnerable environments and practicing to deploy and configure a large variety of enterprise tools and solutions.
- Active on TryHackMe, an online platform with labs to practice and enrich my penetration testing skills.

Associations

DevilSec (August 2020 - Present)

- Member of ASU's cybersecurity club and compete in cybersecurity team tournaments and CTFs.
- Competed in the Hivestorm blue team competition and placed in the top 46% out of hundreds of teams.
- Part of the CCDC team competing in a national collegiate cyber defense competition.

ASU Linux User's Group (ASULUG) (August 2020 - Present)

- Member of ASU's Linux enthusiast club which hosts talks and informs students on Linux and open source.
- Taught numerous students how perform specific tasks across a variety of Linux distributions and technologies.
- Presented a talk on the Qubes operating system explaining its unique architecture, features and uses.