Vignesh Mohan

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EDUCATION

Georgia Institute of Technology   **January 2025 – December 2026**
Masters in Computer Science   OMSCS
- Concentration in Human Computer Interaction
- Data Structures and Algorithm bridge class ongoing (09/2024 - 12/2024)

UC San Diego   **September 2024 – December 2024**
Computer Graphics Course   edX
- Bridge coursework to prepare for Masters Degree

Western Governors University   **Graduated July 2024**
Bachelor of Science in Computer Science   ABET-Accredited
- **Relevant Coursework:** Data Structures and Algorithms; Software Quality Assurance; Data Management - Applications; Operating Systems; Software Development; Version Control

PROJECTS

Riot API Discord Bot
JavaScript/Node.Js
- A Discord bot that uses the Discord.js module that integrates with the Riot Games API to retrieve player account statistics, that includes match history and champion mastery.
- Creates and balances custom League of Legends lobbies by rank and account level
- Stores and accesses user account information with Postgres
- Permanent deployment onto Railway, hosted through a Github repository

Naive Bayes Machine Learning Email Spam Classification
Python/Flask
- A Heroku web-based application to classify multiple email files as spam or ham using a Naive Bayes classifier.
- Preprocessed Enron Spam Dataset by normalizing, stemming, and removing punctuation as training data.

SKILLS

- **Technical Skills:** Data Structures; Linux; AWS (S3, Lambda) Microsoft Azure; Docker; Documentation; Agile Development; Active Directory; TCP/IP; DokuWiki; VMWare; Git; Bash;
- **Languages**: C++; Java (Spring Boot Framework); C#; Python; HTML; CSS; JavaScript; SQL;
- **Certification:** CompTIA A+; CompTIA Net+; Linux Essentials; ITIL Foundations; AWS Cloud Practitioner;

WORK EXPERIENCE

Ray Catena Auto Group   **June 2023 – Feb 2024**
IT Specialist   Edison, NJ
- Managed the IT infrastructure of several dealerships consisting of 600+ users, troubleshooting a diverse range of hardware, software, and networking issues.
- Constructed and maintained detailed internal documentation using an internal wiki page (DokuWiki), containing organized instructions and specialized information as a resource for the IT team.
- Played a pivotal role as first responder to identify, contain, and deploy countermeasures against a ransomware cyberattack.