

Ghasif Syed

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EDUCATION

Master of Science in Artificial Intelligence

Expected Graduation: Apr 2025

Northeastern University | Boston, MA

Bachelor of Science in Computer Science

Sep 2020 – Aug 2023

Wentworth Institute of Technology | Boston, MA

Dean's List (5 Semesters)

Related Courses: Artificial Intelligence, Software Engineering, Algorithms, Data Structures, Data Science, Parallel Computing, Program Design Paradigms, Databases, Operating Systems, Programming Languages, Network Programming

SKILLS

Programming Languages: Python, Java, C, C#, F#, MySQL, Javascript, PHP, HTML, CSS, Prolog, Assembly

Software: Django, GitHub, JIRA, SVN, Google Cloud, Oracle Cloud, PostgreSQL, Adobe Creative Suite

PROJECTS

Generating Adaptive Levels in Games | Artificial Intelligence | Team of 4

Sep 2023 – Dec 2023

- Coded a PyGame platform game with dynamic difficulty levels for an engaging player experience
- Implemented a neural network using RL to assess and adapt game difficulty based on individual player skills
- Worked in a team to seamlessly integrate procedural generation and skill assessment components

Photo Editing Software | Program Design Paradigms | Team of 2

Sep 2023 – Dec 2023

- Wrote a photo editing application in Java using MVC architecture. Ensuring a user-friendly experience
- Maintained a consistent and modular design for future features and updates

Leopard Spot | Capstone Project

May 2023 – Aug 2023

- Used OpenCV to create a computer vision software that uses Machine Learning to display the status of 100+ parking spaces
- Developed a website with authentication and backend using Django. Connecting the software to the website through an API
- Created a scale model of a parking lot to showcase the application and how the website and software integrate together

Encrypted Chat Application | Software Engineering | Team of 3

Feb 2022 – Apr 2022

- Programmed the backend for user account creation & messaging system for a key pair asymmetric encryption system
- Produced a relational database with encrypted user/message data and integrated it with the server for queries
- Practiced Agile Software Development, by leading weekly scrum meetings, and establishing sprint intervals

API Website | Personal Project | Individual

Dec 2021 – Feb 2022

- Developed a website that takes in-game statistics from a Cloud server to create a leaderboard system using MySQL
- Designed to authenticate a user to see personal in-game data on the leaderboard using Steam OpenID

Cloud Hosting Servers | Personal Project | Individual

Mar 2020 – Dec 2021

- Built a multiplayer video game server for multiple players to connect to using Debian on Google Cloud Servers
- Maintained a video game server utilizing added Valve Source Engine plugins to enable MySQL connection and more

WORK EXPERIENCE

IT Specialist | Internship

Dec 2022 – Apr 2023

MORSECORP Inc | Cambridge, MA

- Developed and automated various processes using Bash scripting, resulting in increased efficiency and reduced workload
- Played a key role in antivirus and device control, monitoring and enforcing security policies to physical and digital assets
- Provided Multi-Factor Authentication (MFA) support, assisting users in setting up and troubleshooting MFA for security
- Managed and maintained Audio/Visual equipment, ensuring smooth operations for presentations and meetings

Technical Support Engineer | Internship

May 2022 – Aug 2022

Harvard University | Cambridge, MA

- Maintained and managed daily help desk tickets using ServiceNow, resolving over 200 tickets
- Collaborated with Widener Library on a library wide refresh; Imaging computers using SCCM and JAMF deployment tools
- Performed asset management tracking on equipment being deployed and returned
- Created and implemented a QR barcode system for loaner laptops, iPads and printer toners for inventory management

Pharmacy Technician

Aug 2020 – Jan 2022

CVS Pharmacy | Arlington, MA

Instructor & CMS Manager

Jul 2016 – Mar 2020

Kumon, After School Math and Reading Program | Arlington, MA