Saeed Abdilahi

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EDUCATION

Marist University   Poughkeepsie, NY
Bachelor of Science in Information Technology & Systems   *Aug. 2021 – Dec. 2024*
- Minors in Mathematics & Computer Science
- Dean's List: Spring 2023, Fall 2024
- GPA: 3.1/4

EXPERIENCE

GOLDMAN SACHS   June 2024 – July 2024
Software Engineering Insight Series Program   *VIRTUAL*
- Analyzed data-driven decision-making processes in finance and their impact on market strategies.
- Utilized data analysis tools to interpret financial market trends and insights.
- Applied data visualization and analytics techniques to present financial data effectively.

Information Technology Support Specialist   Mar. 2022 – May 2024
Marist University   *Poughkeepsie, NY*
- Communicate with managers to set up campus computers used on campus
- Assess and troubleshoot computer problems brought by students, faculty and staff
- Maintain upkeep of computers, classroom equipment, and 200 printers across campus

Artificial Intelligence Research Assistant   May 2023 – July 2023
Marist University   *Poughkeepsie, NY*
- Explored methods to generate video game dungeons based off of *The Legend of Zelda*
- Developed a game in Java to test the generated dungeons
- Contributed 50K+ lines of code to an established codebase via Git
- Conducted a human subject study to determine which video game dungeon generation technique is enjoyable
- Wrote an 8-page paper and gave multiple presentations on-campus
- Presented virtually to the World Conference on Computational Intelligence

PROJECTS

Ridesharing App for Marist Students | *Python, Flask, React, PostgreSQL, Docker*   Aug. 2023 – Present
- Developed a full-stack web application using with Flask serving a REST API with React as the frontend
- Implemented GitHub OAuth to get data from user's repositories
- Visualized GitHub data to show collaboration
- Used Celery and Redis for asynchronous tasks

IT Infrastructure Deployment & Security Analysis | *IT Infrastructure*   Aug. 2024 – Present
- Conducted network traffic analysis using Wireshark, identifying security vulnerabilities and optimizing network performance.
- Performed cybersecurity vulnerability assessments with Nmap, Nessus, and Metasploit, documenting findings and recommending mitigation strategies.
- Automated Windows Server management using Ansible, streamlining administrative tasks on a VMware ESXi environment.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL (Postgres), JavaScript, HTML/CSS, R
Frameworks: React, Node.js, Flask, JUnit, WordPress, Material-UI, FastAPI
Developer Tools: Git, Docker, TravisCI, Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse
Libraries: pandas, NumPy, Matplotlib