Ammar Khan

Princeton, New Jersey

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EDUCATION

Rutgers University: *Bachelor of Science in Information Technology & Informatics*   **New Brunswick, NJ**
Undergraduate Student   May 2025

- **GPA:** 3.6 & Dean's List
- **Relevant Coursework:** IT Fundamentals, Computer Applications for Business, Management Information Systems, Object-Oriented Programming
- **Skills:** Microsoft Office Suite, Windows, and MacOS, HTML, Linux, Java, Python, SQL, OpenAI, NextJS, Pinecone, StripeAPI
- **Interest:** Travelling, Coding, Fasted Paced Environments, Stock Market Trader, Hiking, Homeless Shelter Relief

WORK EXPERIENCE

HeadStarter Artificial Intelligence   **Long Island, NY**
Software Engineer Fellow   August 2024 – September 2024

- Completed a 7-week program, building 5 AI projects and participating in 5 hackathons, enhancing my skills in machine learning and software development.
- Developed a user-friendly AI application for 1000 users, receiving positive feedback for its functionality and usability.
- Enhanced job readiness through mentorship and interview preparation, leveraging LeetCode for problem-solving practice and boosting confidence in technical skills.

Depository Trust Clearing Corporation (DTCC)   **Jersey City, NJ**
IT Analyst Intern   June 2024 – August 2024

- Contributed to the design, development, and testing of software applications using Python and SQL, successfully delivering high-performance and reliable applications.
- Conducted thorough code reviews, ensuring adherence to coding standards and best practices, which improved overall code quality within the team.
- Managed incident response tickets, investigating and resolving security incidents promptly to minimize impact on systems and data.

Barrister Global Services Network   **Edison, NJ**
Dell IT Technician   September 2023 – February 2024

- Conducted hardware diagnostics using advanced tools and methods, ensuring precise detection of faulty hardware and systems.
- Facilitated hardware upgrades based on user requirements and system specifications enhancing overall functionality and speed.
- Identified and replaced defective hardware components including motherboards, RAM, and power supplies, enhancing system reliability and performance.

PROJECTS

Frontend Development Resume Landing Page   September 2023

- Designed and developed a responsive resume landing page using HTML and CSS, showcasing my skills and experiences in an engaging format
- Implemented best practices in web design, enhancing user experience and improving accessibility across various devices.

Iris Dataset Analysis & Visualization in Python   May 2024

- Conducted thorough exploratory data analysis (EDA) on the Iris flower dataset using Pandas, extracting key statistical measures, and visualizing data distributions to identify patterns and trends.
- Achieved an accuracy of 95% through feature selection, model training, and evaluation using techniques such as cross-validation.

Data Operation in Linux   October 2023

- Enhanced Linux UI accessibility through design modifications, collaborated effectively to resolve file issues, and streamlined essential command-line file operations.
- Collaborated with cross-functional teams to pinpoint and resolve data compatibility issues, ensuring smooth integration and optimal performance across diverse platforms.

LEADERSHIP EXPERIENCE

Helping Hand   **Monmouth Junction, NJ**
Volunteer & Community Engagement Specialist   September 2017 – February 2021

- Volunteered at Helping Hand, collaborating with fellow volunteers to streamline operational processes and enhance service delivery efficiency, resulting in increased overall effectiveness of daily operations and client support services.
- Managed distribution logistics and inventory of essential lifestyle materials, including clothing, to support refugee populations globally, ensuring timely delivery and meeting critical humanitarian needs.