

Raahil Khan

908 627 1078 | khanraahil333@gmail.com | [linkedin.com/in/raahilkhan3](https://www.linkedin.com/in/raahilkhan3) | github.com/raahilkhan

EDUCATION

Rutgers University

Bachelor of Science in Computer Science, Minor in Mathematics

GPA: 3.4 | Dean's List

New Brunswick, NJ

Sep 2023 – May 2026

WORK EXPERIENCE

Crew Member

Dunkin Donuts

Jul 2022 – Aug 2023

Phillipsburg, NJ

- Delivered customer-facing support in a high-volume environment, processing transactions, fulfilling orders, and resolving customer issues while maintaining service quality.
- Collaborated with team members to ensure efficient operations during peak hours, developing strong communication, multitasking, and problem-solving skills.
- Trained new employees on POS systems and store procedures, clearly communicating processes to help them ramp up quickly and work independently.
- Tracked and organized inventory to ensure accurate stock levels and smooth daily operations.

PROJECTS

Database Management & Query Platform | Python, PostgreSQL

Sep 2025 – Dec 2025

- Designed and normalized a PostgreSQL database for a 300,000+ row HMDA mortgage dataset, implementing data cleaning, transformation, and relational query logic to ensure data accuracy and consistency.
- Developed a Python-based natural language interface that converted user questions into executable SQL queries.
- Built a GUI enabling non-technical users to perform joins, filtering, grouping, and aggregate analysis without writing SQL, making the system accessible to end users.

Binary Bomb Reverse Engineering Lab | C, x86 Assembly, GDB Debugger

Mar 2025 – Apr 2025

- Reverse engineered a compiled binary executable to determine valid inputs across multiple challenge phases by systemically diagnosing program behavior.
- Utilized GDB and x86 assembly analysis to troubleshoot and inspect memory structures, control flow, and runtime behavior.
- Reconstructed hidden program logic through methodical debugging and successfully identified required execution paths.

RuDonuts Mobile App | Java, Android Studio

Nov 2025 – Dec 2025

- Developed an Android application supporting donut ordering, cart management, and order tracking functionality.
- Implemented mobile user interfaces, event-driven workflows, and backend logic to streamline menu selection and order processing.
- Tested and debugged application components to identify and resolve issues, improving usability, reliability, and overall user experience.

FIFA World Cup 2026 Winner Predictor | Python, pandas, scikit-learn, Streamlit

May 2025 – Jul 2025

- Developed a machine learning pipeline to predict World Cup match outcomes and tournament results using historical and live performance data.
- Engineered data preprocessing, feature extraction, and model-training workflows using pandas and scikit-learn to improve prediction accuracy.
- Built an interactive Streamlit dashboard to visualize predictions, simulations, and tournament scenarios.

TECHNICAL SKILLS

Languages | SQL (PostgreSQL), Python, Java, C, MATLAB, x86 Assembly

Operating Systems | macOS, Windows

Tools/Platforms | Git, Microsoft 365, Visual Studio Code, Android Studio, IntelliJ IDEA, Jupyter Notebook, GDB

Frameworks/Libraries | Pandas, NumPy, Matplotlib, scikit-learn, Streamlit, JavaFX (FXML)

Core Skills | Troubleshooting, Customer Service, Problem-Solving, Communication, Attention to Details, Time Management