John Isik

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Linkedin | Github | Portfolio

EDUCATION

Stevens Institute of Technology, *Hoboken, NJ • MS in Data Science*   *09/2024 - Present*
- Relevant Courses; Foundational Mathematics for Data Science, Introduction to Probability Theory

CUNY Queens College, *Flushing, NY • BA in Computer Science*   *01/2021 - 05/2023*
- Relevant Courses; Data Structures, Design & Analysis of Algorithms, Operating Sys., Software Eng., OOP

CUNY Queens College, *Flushing, NY • Minor in Applied Mathematics*   *01/2021 - 05/2023*
- Relevant Courses; Point-Set Topology, Linear Algebra, Discrete Mathematics, Differential Equations

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PROJECTS

Personal Project, *Queens, NY • Spring - ToDoList*   *05/2024 - 07/2024*
- Engineered a Spring Boot-based To-Do List application with **CRUD** operations, serving as a practical project to master the basics of the **Spring** framework and explore Advanced Java

Final Project, *Queens, NY • Automatic Derivation Learning Tool*   *01/2023 - 05/2023*
- Contributed to the development of a **Python**-based tool that visualizes the algebraic derivation process using topological graphs
- Architected the framework to break down equations to present each step
- Led documentation and **unit testing**; ensured timely, realistic outcomes and reliability

Personal Project, *Queens, NY • Elevator Simulation*   *01/2023 - 05/2023*
- Developed a simulation using **Java multithreading** for independent passenger and elevator objects
- Implemented a centralized action list to coordinate the movement of multiple elevators, enhancing system-wide efficiency and adapting to real-time data changes

Personal Project, *Queens, NY • Syntax Analyzer for Code Validation*   *08/2022 - 12/2022*
- Built a C++ code validation engine that parses code and identifies syntax errors

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PROFESSIONAL EXPERIENCE

Starbucks, *Queens, NY • Barista (Shift Supervisor Trainee)*   *10/2023 - Present*
- Manage store operations and train baristas, fostering a natural and inviting environment that enhances customer satisfaction and team efficiency

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SKILLS AND CERTIFICATIONS

- **Certifications -** SQL (Mimo.org, **Completed**), AWS Cloud Practitioner (In Progress), Google Data Analytics (Coursera, In Progress)
- **Languages & Frameworks:** Proficient in **Java**, **Python**, C++, HTML, CSS, JavaScript & **Spring**
- **Databases:** Proficient in **SQL**; practical understanding of NoSQL databases like **MongoDB**
- **Data Analysis Tools:** Proficient in using **Excel** for statistical analysis and functions
- **Soft Skills -** Empathetic, lifelong learner, dependable, and composed under stress
- **Languages:** English (Fluent), Turkish (Fluent)