John Isik

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EDUCATION

Stevens Institute of Technology	**Hoboken, NJ**
Master of Science in Software Engineering	**Sep 2024 - May 2026**
CUNY Queens College	**Flushing, NY**
B.A. Computer Science / Minor in Mathematics	**Jan 2021 - May 2023**

Relevant Courses: Data Structures and Algorithms, Cloud Computing, OOP in Java and C++, Database

CUNY City College	**New York, NY**
66 credits towards B.S. Physics	**Aug 2019 - Dec 2020**

Relevant Courses: University Physics I and II, Calculus III with Vector Analysis, Differential Equations

PROJECTS

Syntax Analyzer for Code Validation | *C++, Git*
- Developed an error identification algorithm.
- Created word tokenizer and semantics analyzer to identify syntax errors for the user.

Elevator Simulation | *Java Multithreading*
- Built a dynamic simulation with a single event list, for synchronized floor navigation.
- Implemented average wait time calculator for elevators and **unit testing**.

Automatic Derivation Learning Tool | *Python, Igraph, NumPy*
- Collaborated alongside a team to develop an educational tool, showcasing the computer's derivation process.
- Simulated algebraic equations into graphs for better showcasing of the process.

Weather-Inspired TV Picks | *Node.js, HTML, JavaScript*
- Developed a web page to suggest TV shows, based on current weather.
- Used APIs to fetch weather data on current location and TV shows from a database.

WORK EXPERIENCE

Starbucks | *Barista*   **Oct 2023 - Present**
- Delivering exceptional customer service, taking orders, and managing cash transactions.
- Providing a welcoming Starbucks experience collaborating with team members.
- Assessing troubleshooting and maintaining a clean dining area during high-volume periods.

Amazon Flex | *Courier*   **Oct 2022 - Dec 2023**
- Executed timely and secure delivery of over 8000 high-value, confidential items.
- Engaged with recipients to ensure smooth delivery and address inquiries or complaints promptly.

EXTRACURRICULAR

Makerspace, Queens College | *Engineering Lab Member*
- Acquired diverse skills including **soldering**, **woodworking**, and **3D printing**.
- Worked on personal projects; Nixie Tube Clock, constructed figurines with built-in electric circuits.
- Guided machinery usage and enforced safety protocols.
- Cultivated communication and teamwork abilities.

SKILLS & INTEREST

Languages: English, Turkish

Programming Languages: Java, C++, JavaScript, SQL

Technologies and Libraries: AWS, VSC, Git, Flutter, Spring, Excel, NPM, Android Studio

Hobbies: Coffee Brewing, TCG, Table Tennis, Chess, Skating, Motorcycles