

# John Isik

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## EDUCATION

### CUNY Queens College

*B.A. Computer Science / Minor in Mathematics*

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

Flushing, NY

Jan 2021 - May 2023

### CUNY City College

*66 credits towards B.S. Physics*

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

New York, NY

Aug 2019 - Dec 2020

## PROJECTS

### Planner Phone App | AWS, Dart, Flutter

- Constructed a platform to ignite users' passion for personal growth and planning.
- Deployed our collaborative team project using **Android Studio**.

### 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 and **unit testing**.

### Automatic Derivation Learning Tool | Python, Igraph, NumPy

- Collaborated alongside a team to develop an educational tool, showcasing the derivation process.
- Simulated algebraic equations into graphs.

### 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 and TV show recommendations.

## WORK EXPERIENCE

### Starbucks | Barista

Oct 2023 - Present

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

### 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**.
- Guided machinery usage and enforced safety protocols.
- Cultivated communication and teamwork abilities.

### Hackathon, Girls Who Code x Code Resolve x TIQC | College Resources Sharing App

- Developed a web application for students using **HTML**, **CSS**, and **JavaScript**.
- Collaboratively brainstormed, sketched, and programmed user-friendly interface, and chat groups.

## SKILLS & INTEREST

**Languages:** English, Turkish

**Programming Languages:** Java, C++, Python, JavaScript, Dart

**Technologies and Libraries:** Flutter, Spring, AWS, VSC, NPM, IntelliJ, Android Studio, Excel, React, Numpy

**Hobbies:** Coffee Brewing, Inline Skating, Painting, Skiing, Trading Card Games