

# ISHIKA SONI

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[ishikasoni50@gmail.com](mailto:ishikasoni50@gmail.com) | [\(917\) 478-0275](tel:(917)478-0275) | [linkedin.com/in/ishika-soni](https://linkedin.com/in/ishika-soni) | [github.com/issoni](https://github.com/issoni) | [issoni.github.io](https://issoni.github.io)

## EDUCATION

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CUNY Hunter College, *New York, NY*

Bachelor of Arts, Computer Science

Expected May 2024

Relevant Coursework: Data Structures, Discrete Mathematics, Introduction to Object-Oriented Programming, Calculus I & II, Applied Linear Algebra, Digital Intelligence, iOS Development

## SKILLS

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Languages: Java, Python, HTML, HTML5, CSS, Swift

Software: Figma, Microsoft Word, Microsoft PowerPoint, Microsoft Excel

## EXPERIENCE

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Incoming Fall 2021    Web Development Intern, *Aspire360*

June 2021 - present    Production Engineering Fellow, *Major League Hacking*

- Working across product and infrastructure to make sure services are reliable and scalable.
- Learning skills needed to keep products like Facebook, WhatsApp, Instagram, and Oculus running.

## PROJECTS

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September 2020    Train Manager, [github.com/issoni/train-manager](https://github.com/issoni/train-manager)

- Implemented a linked list to organize train cars for a commercial train.
- Users can input the product load's name, weight, value, and if it's dangerous or not.
- Gives the user the options to insert and remove cars, add and remove product load in the car, and terminate the program.

November 2020    CreatePoetry, [github.com/issoni/random-poetry-generator](https://github.com/issoni/random-poetry-generator)

- Uses the language analysis and selection tools to try to mimic human construction of poems.
- Requires the random generation of words as well as the use of algorithms to analyze the structure of those words to detect and use features such as rhymes and syllables.
- Used Natural Language Toolkit library package.

February 2021    Blossom, [devpost.com/software/blossom-txj2g5](https://devpost.com/software/blossom-txj2g5)

- A team hack where our goal was to help small businesses in the COVID-19 pandemic by directing local customers to their shops.
- Worked on the front end throughout the website by adding small business for our users to explore, retrieved the 3D models for the echoAR implementation, and assisted with the BestTime API integration.
- Won Best "Retail, Banking, or Restaurant" Hack (Sponsored by NCR) at TechTogether Atlanta 2021.