ISHIKA SONI

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EDUCATION

City University of New York, Hunter College — Expected 2024
B.A. in Computer Science, Minor in Mathematics — *New York, NY*

Relevant Courses: Data Structures & Algorithms, Discrete Mathematics, Applied Linear Algebra, Calculus I & II, iOS Development, Intro to Applied Statistics

TECHNICAL SKILLS

Languages	Java, Python, C#
Software	Figma, Unity, Microsoft Word, Microsoft PowerPoint, Git
Platforms	Docker, Amazon Web Services
Operating Systems	Linux (CentOS), macOS
Web Skills	HTML5, CSS, Flask

WORK EXPERIENCE

Major League Hacking — June 2021 - present
Production Engineering Fellow — *Remote*

· Developed a blog web application using Python, Flask and PostgreSQL
· Deployed and maintained a web application using Nginx as a reverse proxy in an EC2 instance through Amazon Web Services
· Containerized application deployment using Docker and Docker Compose
· Implemented a CI/CD pipeline using Github Actions

PROJECTS

Blossom — February 2021
Web Application — *echoAR, HTML/CSS, BestTime API*

· Retrieved and assisted integrating 3D models using echoAR to let users see food in augmented reality to encourage a visit to the small business
· Worked on the internal web pages by adding small businesses for our users to explore using HTML/CSS
· Assisted with the BestTime API integration to get information on the peak hours of the small businesses on our website

CreatePoetry — November 2020
Algorithm — *Python, IDLE*

· Used the language analysis and selection tools such as the NLTK library package to try to mimic human construction of poems
· Required 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

Train Manager — September 2020
Algorithm — *Java, IntelliJ IDEA*

· Implemented a linked list data structure to organize train cars for a commercial train
· Provided the user with many options such as insert or remove cars, insert or remove product load in the car, and terminate the program, etc.