

JOSH GREWAL

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EDUCATION

Manhattan College

Bachelors of Science in Computer Science

GPA: 3.5

Riverdale, NY

May 2025

EXPERIENCE

Tokyothree

founder/CEO

New York, NY

August 2021 - August 2023

- Created the website design and layout, along with any and all creative elements using HTML, CSS, and Javascript.
- Researched each product on the website to maintain a margin of 10% profit on each item.
- Contacted suppliers to be sure of product information, while keeping healthy relationships to continue collaborative work.
- Leveraged marketing software to further extend the reach of the brand, which allowed for more profit for the company.

McDonalds

Crew Member

Brampton, ON

October 2019 - December 2019

- Cooperated directly with customers, being able to take orders and make sure the quality of service was at its highest. In turn, handled cash transactions as either change or an online form of payment.
- Elected as the November 2019 employee of the month for the ability to think of optimized solutions.
- Initiated conversations with individuals concerning the store to make sure that customer satisfaction was optimized.
- Cooked and prepared food for consumers as the head cook. Directed other members in what jobs should be done to fully complete tasks in the most timely manner.

SKILLS

Coding Languages: C++, Python, Java, JavaScript, HTML, CSS, MATLAB, Swift

Database Management: MySQL

Operating Systems: Linux, macOS, Windows

Spoken Languages: French, Punjabi

Soft Skills: Problem-solving skills, Communication skills, Teamwork and collaboration, Adaptability, Leadership abilities (if applicable)

PROJECTS

Sudo App Store Database

Developer

New York, NY

May 2023

- Spearheaded the design by analyzing the data requirements needed to then create an effective schema to organize the data
- leveraged MySQL to create an optimized data model, which included defining tables, relationships, and data constraints.
- monitored and fine-tuned the database performance by optimizing SQL queries
- Final product reflected a functioning App Store database being able to look up, delete, and add data using SQL queries

Website

Developer

New York, NY

February 2023

- Orchestrated the layout and design using multiple sources to ensure a well balanced final product
- Implemented the design using CSS, HTML, and javascript
- Finalized the website using original and outsourced content

Glance App Redevelopment

Lead Designer

New York, NY

October 2022 - May 2023

- Head designer for the layout which included coming up with 20+ sketches to then code into the application.
- Worked heavily on the front-end side of the app, utilizing react native.
- Coded in both backend and frontend, in order to aid team members to meet deadlines put down by superiors.
- Directed meetings with over 30 team members to ensure organized and productive work
- The application is fully functional with over 2000+ daily users.

A* Pathfinding Algorithm & Presentation

Presentation Director

New York, NY

November 2022

- Planned using multiple online resources in order to understand and be able to implement the algorithm.
- Created the A*Pathfinding algorithm in a single file utilizing python.
- Orchestrated a presentation with Dr. Arafat which entailed speaking to the incoming freshman class about the algorithm.
- Broke down each line of code for the algorithm, explained to the audience to ensure understanding among the group.