

# Mickey J Shamah

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## EDUCATION

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New York University - Tandon School of Engineering  
*Bachelor of Science in Computer Science, Minor in Data Science*  
GPA 3.7/ Dean's List

Brooklyn, NY  
May 2025

Summer STEM at The Cooper Union  
*Concentration: Computer Engineering and Robotics*

New York, NY  
May 2021

## EXPERIENCE

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NYU Tandon Urban Food Lab  
*Member*

Brooklyn, NY  
September 2022 - Present

- Collected samples from the agriculture system and the fish tank on a weekly basis.
- Developed an automated system to collect and analyze real-time data in the farm.

Blue Ocean Family Partners  
*Intern*

Long Branch, NJ  
August-November 2020

- Researched start-up firms in the technology sector.
- Conducted informational interviews with executives to gain insight about their organization.

## PROJECTS

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### Snake Game

- Created a snake game in Python using the Pygame module and graphed the users' performance using the Matplotlib library.
- Developed a neural network using the Torch library that allowed the model to automatically make decisions.

### Spicy Grinder (Product)

- Part of a team that designed, coded and built an automated spice grinder to assist arthritic individuals.
- Wrote a program which displayed the contents and usage on a display board.
- The project received the Faculty award for outstanding design and functionality.

### Fantasy Football Drafting software

- Designed and implemented a Fantasy football drafting and prediction software using Python, Python Graphic User Interfaces (PyQt), and predictive modeling.
- Compiled, established, and processed hundreds of data points from previous seasons (using SQL) to demonstrate the model's accuracy.

## SKILLS

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Programming Languages/ Technologies: Python, JavaScript, HTML, CSS, PyQt, SQL, Verilog, C++

Languages: English (Native), Hebrew (Intermediate), Spanish (Intermediate)