AYMAN AHMED

aa6149@nyu.edu ✉

646-289-0275 ☎

aymanahmed.com </>

New York ⊙

Education

New York University
2019 - Jan. 2022

Tandon School of Engineering.
BS in Computer Science.

Relevant Coursework

Data Structures, OOP, Discrete Math, Software Dev, Artificial Intelligence, Machine Learning
(Stuyvesant): Software Development, Systems Programming, Computer Graphics

Experience

New York University
May 2020 - May 2021

Teaching Assistant

- Worked as a TA in an operating systems class to 60+ students
- Held weekly office hours and code reviewed / provided feedback for C assignments
- Worked with Anubis, a distributed LMS with an autograder and cloud IDE solution for students

St. John's University
May 2018 - May 2019

Undergraduate Research Assistant
- Organized and collected data for machine learning studies
- Will analyze brain signal data using machine learning models (Tensorflow)

TheCoderSchool
Jan. 2021 - Current

Instructor
- Mentored and taught students of all ages in C, Python, Java, HTML/CSS, and Javascript.
- Helped students create unique projects such as games, websites, applications, and APIs.

Skills

Languages: Python, Java, C, C++, LISP (Elisp, Racket), Bash, HTML/CSS/JS, LaTeX, SQL
Frameworks: Flask, jQuery, React, Electron, NodeJS
Tools: Git, Bash, AWS, Emacs

Projects

Neurogaze

- Created software that creates, executes, and organizes machine learning studies
- UI was built with React, Redux, and Electron, and used AWS Cognito for accounts
- The backend was an API built with Flask, using AWS S3 for data storage

Arduino Room Sensors

- Programmed two Arduinos to measure O2 and CO2 levels
- Created a visual interface in Processing to visualize data and show the results in real time
- Arduino code was written in C++