



AYMAN AHMED

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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

St. John's University

May 2018 - May 2019

Undergraduate Research Assistant

- Helped organize and collect data from 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 to show the results in real time
- Code was written in C++, and Java's Processing was used to create a GUI to interact with sensors and visualize data