AYMAN AHMED

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New York

Education

New York University

2017 - Expected 2021

Tandon School of Engineering.
BS in Computer Science.

Relevant Coursework

Intro CS, Data Structures, OOP, Discrete Math, Software Design Methods
(Stuyvesant High School): Software Development, Systems Programming, Computer Graphics

Experience

St. John's University

Nov. 2018 - Future

Undergraduate Research Assistant

- Will analyze brain signal data of patients while they read texts
- Will analyze brain signal data using machine learning models (Tensorflow)

Stuyvesant High School

2015 - 2017

Teaching Assistant / Senpai

- Mentored and taught underclassmen in C, Python, Java, HTML/CSS, Javascript, and Racket
- Introduced students to multiple basic algorithms and data structures (search algorithms, lists)

Skills

Languages: Python, Java, C, C++ (Arduino), LISP (Elisp, Racket), Bash Scripts, HTML/CSS/JS, LaTeX
Frameworks: Flask, Processing, jQuery, React, React Native, Redux, Electron, Webpack, NodeJS
Tools: Git, Bash, AWS, Emacs, MySQL, MongoDB, GraphQL

Projects

Neurogaze

Jun. 2018 - Sep. 2018

- 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 Python Flask, using AWS S3 for data storage

Innovation Lab Sensors

Jan. 2017 - Jun. 2017

- Programmed two Arduinos to measure O2 and CO2 levels.
- Code was written in C++, and Java's Processing was used to create a GUI to interact with sensors and visualize data