

EDUCATION

Northeastern University, Boston MA

Expected Class of 2023

Candidate for Bachelor of Science in Computer Science (Concentration in Artificial Intelligence)

Current GPA: 3.851

Honors: University Honors Program, Deans List

Related Coursework: Transport Processes, Fundamentals of Comp. Sci. 1, Conservation Principles

Notable Activities: American Institute of Chemical Engineers; NUStage, *Assistant Lighting Design*;

SKILLS

Languages: Python (Fluent) | MATLAB (Fluent) | C++ (Proficient) | HTML (Proficient) | CSS (Proficient) | JavaScript (Proficient) | Bash (Proficient) | English (Fluent) | Hindi (Fluent) | Chinese (Conversational)

Software/Skills: Git | Web Hosting | Solid Works | AutoCAD | Visual Studio Code | Microsoft Office

WORK EXPERIENCE

Computational Modeling of Chem Eng. | Boston, MA

July 2020 ~ Today

Undergraduate Research Assistant

- The Northeastern CoMoChEng research department is a group focused on using machine learning and software engineering in order to determine the properties of various new chemicals
- Website: <http://neu.edu/comocheng> || GitHub Repository: github.com/comocheng

Northeastern University | Boston, MA

Jan 2020 ~ Today

First Year Engineering Tutor

- Teaching First-Year engineering students at Northeastern skills such as C++, MATLAB, Arduino, Arduino, MATLAB by working with them one on one to help them improve their own engineering skills, all while reinforcing my own skills
- Helped improve the First Year Engineering Center and its online transition by providing meaningful input, allowing for an increase in productivity among students online

The Clubhouse Network | Boston, MA

Sept 2019 ~ Dec 2019

Lead Mentor

- Worked with kids ages 10 to 18 by introducing them to coding and various other creative/engineering technologies such as Scratch and AutoCAD, resulting in a 100% increase in their STEM knowledge while reinforcing my own communication and teaching skills
- Helped improve The Clubhouse Network experience by coming up with redesign in the layout of the area, allowing for the Clubhouse to see a 25% increase in participation

PROJECTS ~ for a full list, feel free to visit my website

GameBot: A Discord Bot

Aug 2020

Individual, Independent Project

- GameBot is an application which allows users in Discord guilds to play games for entertainment
- Games such as~ Guess my Number, Memorize the Number, Tic Tac Toe ~are programmed in the Bot
- Software Used: Python | Discord | Git | Visual Studio Code

Help Reduce Waste With WALL-E

Sept 2019 ~ Dec 2019

Group, Class Project

- The project was programmed and engineered by three classmates and I throughout the semester, developing an RFID demonstration of sustainability to display at the Boston Museum of Science
- Software Used: MATLAB | Arduino | RFID