SALIL KHANNA | GITHUB: SALIL-KHANNA | WEBSITE: SALILKHANNA.NETFLIFY.COM

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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) | English (Fluent) | Hindi (Fluent) | Chinese (Conversational)

Software/Skills: Git | 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