MAHIR CHOWDHURY

@ chowd12o@uwindsor.ca   ☎ 226-280-0332   % mahirchow.github.io   ⌂ mahirchow   in mahir-daian-chowdhury

EXPERIENCE

Website Designer
Taste of India Tandoori

📅 Jan 2019   📍 Windsor, Ontario

- Designed a static website for Taste of India Tandoori using Google Sites at tasteofindiatandoori.com

Supervisor
Blessed Fashions

📅 Apr 2018 - Dec 2020   📍 Windsor, Ontario

- Instructed employees on stock management and organization to keep the store clean and organized.
- Trained employees on safety policies related to covid-19 which helped to prevent the spread of the virus.

EXTRACURRICULAR ACTIVITIES

- **Chair** | IEEE Windsor Student Branch
  - (Sept 2020 - Present)
  - Practiced **responsibility and leadership** by directing STEM related events at UWindsor

- **Developer and Founder** | UWindsor Engineering Discord
  - (Sept 2019 - Present)
  - Founded the largest engineering Discord community at UWindsor (400+ students).
  - Develop the server and server bots regularly.
  - engdiscord.xyz

- **Developer and VP** | Windsor Anime Institute
  - (Sept 2019 - Present)
  - Designed the club's website at wai.moe
  - Developed the server's bots.

- **Co-Founder and Member** | UWindsor Robotics
  - (Nov 2019 - Present)

TECHNICAL SKILLS

- **PROGRAMMING:** Python, Java, C/C++, MATLAB, HTML5, CSS3, Javascript
- **LIBRARIES AND FRAMEWORKS:** Qt, Numpy, Pandas, Matplotlib, Discord.py, SQLite, Keras, Tensorflow, BeautifulSoup4
- **DEVELOPER TOOLS:** Git, Github, Linux, Windows, Eclipse, VS Code, Jupyter Notebook, Google Colab
- **OFFICE TOOLS:** Microsoft Word, Powerpoint, and Excel

AWARDS AND HONOURS

- **Candidate** | Outstanding Scholars UWindsor
  - (Sept 2019)

- **Membership Offer** | Golden Key International Honour Society
  - (Feb 2020)

EDUCATION

BASc Electrical Engineering
University of Windsor

📅 Sept 2019 – Present

- GPA: **93%**
- Relevant Courses: Key Concepts in Computer Science, Software Fundamentals, Computer Aided Analysis, Algorithms 1.

PROJECTS

⌂ Pluto (Chatbot)

- Developed a chat-bot that is used by **(425+)** UWindsor Engineering students to get information on professors, professor reviews, courses, and campus locations.
- Used **tensorflow and NLP** to create a **feed-forward neural network model** which identifies and replies to intents from user queries, questions, and commands. Improved accuracy of model from **90% to 95%**.
- **Developed using** python, heroku, discord.py, pandas, tensorflow, nlp-toolkit, feed-forward neural networks

⌂ Covid-19 Global

- Developed a desktop application for International Covid-19 information that would provide current and trustworthy facts and figures.
- **Developed using** python, beautiful soup, pandas, numpy, qt designer, pyqt5, qt creator
- **Article:** mahirchow.github.io/covid19-global

⌂ Whiteboard (Student Improvement App)

- **Developed for WEC 2020 using** python, qt for python, pandas, qt designer
- **Article:** mahirchow.github.io/whiteboard

⌂ Matrix-Calc (Replit Web App)

- Able to do matrix addition, subtraction, multiplication, and inverse. It can also solve Ax=b relations. **Developed using** C++ for my Computer Aided Analysis final project.

COMPETITIONS

- **First Place** | Windsor Engineering Competition
  - (Dec 2020)

- **Winner** | Grizz Hacks 4
  - (Sept 2019)
  - "Best Use of MongoDB" and "Best Personal Financial App"
- **Winner** | Border-City Hacks
  - (Feb 2017)