

# MAHIR CHOWDHURY

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🐙 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](https://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](https://engdiscord.xyz)
- **Developer and VP** | Windsor Anime Institute
  - (Sept 2019 - Present)
  - Designed the club's website at [wai.moe](https://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)

- A chat-bot used by **425+** UWindsor Engineering students to get information on professors, professor reviews, courses, and campus locations.
- 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](https://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](https://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)