

Anita Cheung

Location: Toronto, Canada

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TECHNICAL SKILLS

Languages : Python, Java, C, HTML, CSS, JavaScript, TypeScript
Frameworks : Express, Node.js, Bootstrap
Libraries : React
Databases : MongoDB, PostgreSQL
Dev Tools : Visual Studio Code, Git, Linx, Heroku, Git, AWS(EC2)

EXPERIENCE

Frontend Developer

The Regulatory and Affective Dynamics Lab - University of Toronto

Jan 2023 – Apr 2023

Remote – Toronto, Canada

- Designed and developed a web application using **HTML, CSS, JavaScript, React**
- Utilized the face-api library to track 68 points face landmark for breathing detection
- Applied responsive design principles to ensure that the application was optimized for a variety of devices and user needs.
- Worked with **REST APIs** to retrieve and display data from databases

Data Analyst

Innovation Hub - Univeristy of Toronto

Sep 2019 – Apr 2020

Toronto, Canada

- Participated in a project to label interview data to improve data analysis for sentiment analysis
- Utilized data labeling techniques to extract valuable insights from interview data and provide meaningful recommendations to stakeholders based on the results

EDUCATION

University of Toronto

Bachelor of Kinesiology, Major in Computer Science

Toronto, ON, Canada

Jun 2023

PROJECTS

Timetable Factory

HTML, CSS, Typescript, React

[Source Code](#)

- Leveraged **React, HTML, CSS**, and **TypeScript** to build "Timetable Factory," showcasing advanced front-end development skills and expertise.
- Designed and implemented intricate scheduling algorithms to enable precise representation of course schedules, accommodating non-standard start and end times while allowing users to set schedules with five-minute increments.
- Employed efficient coding techniques to enhance the application's responsiveness and speed, ensuring a seamless user experience. Focused on optimizing code for maintainability and resource efficiency.
- Successfully deployed and hosted "Timetable Factory" on AWS Amplify, showcasing proficiency in cloud hosting, infrastructure management, and ensuring reliable and scalable application performance.

League Statistic Discord Bot

Python, Pytest, Git

[Source Code](#)

- Developed a discord bot using Python and discord.py, enabling reception and response to user's slash commands on Discord.
- Leveraged Riot Request API to retrieve real-time statistic for League of Legends, ensuring up-to-date and accurate data for users.
- Utilized Matplotlib to visualize summoner's statistics, presenting insightful displays of the data.
- Conducted testing of Riot Request API integration using PyTest fixtures, ensuring reliability of the bot.
- Hosted the bot on Raspberry Pi, strategically reducing the marginal cost associated with hosting and deployment.