

Mark Liu

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Skills

Languages Java, Python, JavaScript, HTML, CSS, Dart

Tools/Technologies React.js, Express.js, Node.js, MongoDB, Flutter, Git, Android Studio

Projects & Competitions

StreamerConnect

- Full stack web application to help small Twitch streamers network and collaborate with each other
- Developed a RESTful API with Node.js, Express.js, and MongoDB
- Scalable and responsive user interface built with React.js

Stock Predictor

- Stock prediction program using Python and machine learning
- Parsed historical data from the web into csv files. Read, stored, and organized data from csv files into Pandas dataframes
- Used NumPy and SKlearn to model data with Support Vector Regression, Decision Tree Regression, and many more to predict a stock's adjusted closing price with an accuracy of 93%

Smart Focus: Pomodoro Timer - 1st place at Apps by Teens Hackathon 2020 (1/16)

- Time management mobile app based on the Pomodoro technique to help students study efficiently
- Built in Android Studio using Dart and the Flutter UI toolkit
- Utilized asynchronous functions and maps to send data between screens and to allow the user to customize their study intervals

Art Portfolio Website

- Art portfolio website for a client built with HTML, CSS, and Javascript to showcase their projects and attract new customers
- Utilized media queries to ensure a responsive and visually appealing user interface
- Incorporated modals to increase user interaction

Experience

Parliament Member Campaign

Toronto, ON

VOLUNTEER

Summer 2019

- Led my group to journey door to door and give presentations about the Parliament Member's campaign and their plans for the future
- Planned routes and delegated roles for group members to ensure the necessary neighbourhoods have been visited efficiently and on time
- Recorded any interest and provided answers to any questions

Moen

Oakville, ON

DISTRIBUTION ASSOCIATE

Summer 2018

- Unloaded, scanned, sorted, and transported products to specified locations
- Completed order picking with required shape, size, and quantity accurately

Education

University of Waterloo (incoming first-year student)

Waterloo, Ontario

BACHELOR OF COMPUTING AND FINANCIAL MANAGEMENT

Sep. 2020 - Exp. Apr. 2025

- University of Waterloo President's Scholarship of Distinction

St. Aloysius Gonzaga Secondary School

Mississauga, Ontario

HIGH SCHOOL DIPLOMA, EXTENDED FRENCH CERTIFICATE

Sep. 2016 - Jun. 2020

- Extended French Program, 97.33% Grade 12 Top 6 average

Additional Info

Extended French Certificate

Met the requirements of the Ministry of Education by completing seven credits in Extended French

CFI Accounting Fundamentals Certificate

<https://tinyurl.com/y9bc4f58>

Interests

Basketball, Snowboarding, Stock Investing, Artificial Intelligence