Evan Qi

+1 (647) 642 7776 | eqi@uwaterloo.ca | evanqi.ca | linkedin.com/in/qi-evan | github.com/mc2van

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL, HTML/CSS, JavaScript, R (intermediate)
Frameworks/Developer Tools: React, Express, Node.js, Flask, SQLite, MongoDB/Mongoose, TensorFlow/Keras, Selenium, Docker, Git, Google Cloud Platform, Heroku

EXPERIENCE

Web Developer
Sep. 2018 – Dec. 2020
Markham Mayor's Youth Council
Markham, ON

- Developed a website using Node and Express working directly with the City of Markham, promoting youth engagement and well-being.
- Increased accessibility with the Google Translate API, benefiting **1500+** average monthly visitors.
- Routed contact inquiries via Google Apps Scripts, allowing ease of access for all council members through a local spreadsheet.
- Facilitated the council's first online event, raising **over $1000** for the Markham Cares food drive, aiding families critically affected by COVID-19.

Hour of Code Volunteer
Sep. 2017 – June 2018
Bayview Secondary School
Richmond Hill, ON

- Held interactive workshops demystifying the 'concept of code' for **100+** students across **three** different schools.
- Worked closely with a team of classmates in preparing presentations.
- Took initiative in adapting lessons and interactive activities for different age groups, while also advocating for women in STEM careers.

PROJECTS

Pickstop | *Chrome Extension*

- Created a chrome extension that chooses a restaurant for users based on inputted preferences, promoting local businesses during the pandemic.
- React (JavaScript) App using the Yelp API, currently publishing to the Chrome Extensions Store.

GQ-SMS | *Twilio SMS Chatbot*

- Developed an SMS Chatbot service, promoting men's mental health resources (text **+1(249)-506-2013**).
- Implemented a light machine learning model with Tensorflow and Keras to optimize reponse speed and accuracy, compiled with Stochastic Gradient Descent.
- Researched and contacted online mental health support sites to build a training model, ensuring a considerate and sensitive and response system.
- Flask (Python) app using the Twilio SMS API and NLTK language processing, hosted on Heroku.

Gym Slot Automation | *Web Script*

- Created a script to book slots at Waterloo's CIF Fitness Centre, facilitating a scheduled fitness agenda.
- Developed using Selenium Webdriver with Python.

EDUCATION

University of Waterloo - Honours Computer Science (BCS)
Sep. 2020 – Present
4.0 GPA (95%), President's Scholarship of Distinction
Waterloo, ON

Bayview Secondary School
Sep. 2016 – June 2020
International Baccalaureate DP (38/45), graduating average 98%
Richmond Hill, ON

INTERESTS AND HOBBIES

Film, badminton (ex-competitive), hiking, low-calorie cooking, Pokémon Go, occasional daydreaming.