Evan Qi

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EDUCATION

University of Waterloo – Honours Computer Science (BCS) | 2A Term   *Sept 2020 - Apr 2025*
- **Academics:** 4.0 Cumulative GPA (93%), President's Scholarship of Distinction, Dean's Honours List.
- **Relevant Courses:** Designing Functional Programs (Advanced), Elementary Algorithm Design and Data Abstraction (Advanced)

TECHNICAL SKILLS

- **Languages:** Java, Python, C/C++, SQL, HTML/CSS, JavaScript, R
- **Frameworks / Developer Tools:** Spring Boot, React, Express, Node.js, Flask, MySQL, MongoDB, TensorFlow/Keras, Selenium, NumPy, Jira, Docker, Azure Devops, Git, Heroku, AWS, Figma.

EXPERIENCE

TELUS – Software Developer   *May 2021 - Aug 2021*
- Worked as a Java Scrum developer on the Product Order team, delivering fixes and features within TELUS' main sales software (Spring Boot) and database (SQL), servicing **12,000+** orders daily.
- Implemented **22** project stories, with emphasis working with SAP services (tax data changes), Kafka calls, and SOAP requests (receipt info changes), and provided support in areas of expertise during release rounds.
- Performed defect triage between ten different microservices while working in a devops environment, closely communicating with business systems analysts and testing teams.
- Applied Agile concepts in daily tasks, solving unique business problems and meeting tight deadlines.

Markham Mayor's Youth Council – Web Developer   *Sep 2018 - Dec 2020*
- Created a website using Node and Express working directly with the City of Markham, promoting the council's events and initiatives, fostering youth engagement and well-being.
- Increased accessibility with the Google Translate API, benefiting **2000+** average monthly visitors.
- Facilitated the council's first ever online fundraising event, accumulating over **$1500** for the Markham Cares food drive, aiding the families most critically affected by COVID-19.

Hour of Code – Volunteer Lead   *Sep 2017 - Jun 2018*
- Held interactive workshops demystifying the 'concept of code' for **140+** students across three different schools.
- Worked closely with a team of classmates in preparing presentations, focusing on communication with students.
- Took initiative in adapting lessons and interactive activities for different age groups.

PROJECTS

Qlear – TO Hacks | Devpost | Github   *May 2021*
- Constructed a web application based project, aiming to tackle the fashion industry's problem of product transparency.
- Designed prototypes for QR code tags after thorough research, focusing on compactness and ease of access.
- Spring Boot app connected with an Apache Cassandra database (via Datastax Astra) using a React + Typescript frontend, deployed using AWS – awarded **Best Use of Datastax Astra**.

GQ-SMS – Personal Project | Github   *Dec 2020*
- Developed an SMS Chatbot service, promoting men's mental health resources **(text +1(249)-506-2013)**.
- Performed diligence by reading online mental health resources in order to construct a sensitive response system.
- Flask (Python) app using the Twilio API, a Keras/TensorFlow training model, and NLTK language processing, hosted on Heroku.

INTERESTS

- Visual storytelling (film, learning animation), hard math problems, badminton (ex-competitive), weightlifting + nutrition, hiking (310/885 km of the Bruce Trails), mechanical keyboards, voluntourism.