

ZEQI CUI

University of Waterloo
2A Comp. Engineering

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SKILLS //

Java, Python
C, C++, C#

JavaScript
HTML
CSS (SASS)
XAML/ XML

JSON
SQL

TOOLS //

Git / SVN
JIRA
Firebase
AWS
Google Cloud
Azure
Gerrit
Jenkins
Photoshop
Illustrator

TEAMS //

Agile
Test Driven
Pair Programming
Code Review

AWARDS //

Langstaff Computer
Engineering Award
(2015)

Langstaff International
and Business Commerce
Distinction
(2015)

University of Waterloo
Cayley – Silver Award
(2013)

EXPERIENCE

BlackBerry

Software Developer Intern

Waterloo, ON
Sept 2016 – Dec 2016

- Full Android stack: heavy refactor of notification handling; increased robustness of back-end data parsing; improved UI.
- Achieved full integration of WeChat and Telegram into BlackBerry Hub's infrastructure.
- Pushed heavily user-requested "account-view" feature, improving productivity for 400k+ active monthly users.
- 2 hackathon projects (shipped): fingerprint security; pinned notifications
- Modularized internal APIs to accelerate development among teams.

QUS

Software Developer Intern

Richmond Hill, ON
Jan 2016 – Apr 2016

- Independently structured server-side automation algorithms, reducing manually assigned orders by 70%, processing 1500+ orders per day.
- Redesigned web home page, FAQ page and promotion pages in primarily vanilla JavaScript, HTML and CSS (Bootstrap/Telerik).
- Implemented productivity features in C# and refactored company's MVC legacy code.

Steve Luka

Co-Founder, Developer

Toronto, ON
Mar 2015 – Present

- Responsible for development (HTML/CSS), emails and team planning
- Developed private clientele galleries which allow clients to view pictures weeks in advance
- Led a team of 3 full-time employees, 1 business rep, and 5+ interns throughout the summer

PROJECTS

NeuroGait

C++/C#/XAML/Kinect

- Native Windows application using Kinect SDK and machine learning (multi-class classification tree) to classify gait abnormalities on patients.
- Clinical research and patient data testing begins April 2017.
- Invited to 2017 Microsoft Imagine Cup for Innovation.

ArrowAI // [Github](#)

JS/HTML/CSS/Azure

- Winning project for HackHarvard 2016
- Leveraged Azure cloud platform and machine learning to detect early progression of Huntington's disease.
- Trained ML model (binary decision tree) with raw sensor data of hand joint coordination and standard deviant.

WhereNow // [Google Play](#) // [Github](#)

Java, XML, Firebase

- Structured a user feed algorithm and used Firebase, Facebook API and Google Maps API for storing and locating real-time events happening only within-the-hour based on user location.

Neighbourfood // [Github](#)

Java, XML, PHP

- Established a client-server architecture using Java and PHP for a food-listing app like Yelp and Uber Eats but for home stay-in dining only.

RealTalk // [Github](#)

Java, XML, Yandex

- Built with Yandex and Google Speech API on a native Android solution to create a speech to speech translator that works in 10+ languages.