

Zeqi Cui

www.zeqicui.com | z26cui@uwaterloo.ca | www.github.com/zeqicui

Technical Languages: Java, C++, C#, Python, JavaScript, XML, HTML, CSS, SQL
Software Engineering: Agile, test driven development, pair programming, code review
Tools: Git, SVN, JIRA, Gerrit, Jenkins, Matlab, Azure, Adobe Suite

Experience [Steve Luka](#) **Mar 2015 – Present**
Co-founder Toronto, ON

- Currently managing company remotely.
- Designed custom portfolio site with CSS. Developed private clientele galleries.
- Led a team of 3 photographers, 1 business rep, and 5+ interns throughout the summer.
- Increased pricing structure of the basic-package by 140% within 4 months of operation.

[BlackBerry](#) **Sep 2016 – Dec 2016**
Software Developer Intern Waterloo, ON

- Achieved full integration of WeChat, Telegram into BlackBerry Hub's infrastructure.
- Heavy refactor of notification handling on the Android platform and added "account-view" feature, with increased robustness of back-end data parsing.
- Improved proprietary Alert API and implemented inline alert component for PIM.

[QUS](#) **Jan 2016 – Apr 2016**
Software Developer Intern Markham, ON

- Structured order-assigning automation algorithms, reducing manually assigned orders by 70% and processing through 1200+ orders per day.
- Implemented productivity features in C# and refactored company's ASP.NET MVC legacy code.
- Improved company web application's internal UI using Telerik DevCraft and Bootstrap.

[Carich Consulting](#) **Dec 2014 – Mar 2015**
Designing Consultant Toronto, ON

- Drafted and published variations of company logos, business cards, letterheads with Adobe Photoshop and Illustrator.

Projects & Portfolio [Arrow A.I.](#) – **Winning Microsoft project** of Hack Harvard 2016

- Leveraged Microsoft Azure platform and machine learning to detect early progression of Huntington's disease, model trained with raw sensor data of hand-joint coordination.

[Arrow Analytics](#) – **2017 Imagine Cup** (World Citizenship Contestant)

- Native Windows WPF solution for determining gait abnormalities using Kinect motion sensor and machine learning. Clinical research and patient data testing begins March 2017.

[WhereNow](#) – Published on Google Play Store

- Finds real-time and upcoming events only within-the-hour based on the user location.
- Implemented user feed algorithm to display feeds. Incorporates Google maps for locating event.

[RealTalk](#) – Github

- Speech – speech translator on Android. Quick and easy translation in 10+ languages with dialects.

Honours & Awards Langstaff International Business & Commerce Distinction (2015)
Langstaff Computer Engineering Award (2014)
University of Waterloo Cayley Math Contest – Silver Award (2013)

Education University of Waterloo (BAsC) - Electrical Engineering Class of 2020