

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

- **Led a team** of 3 photographers, 1 business rep, and 5+ interns throughout the summer.
- Developed private clientele galleries which allow clients to view pictures **weeks in advance**.
- Pitched for Richmond Hill entrepreneur summer company program.
- Site developer, UI design, administration, emails, customer relations, consultation, team planning.

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

- Achieved **full integration** of WeChat and 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. (**Affecting 300k+ monthly users**)
- Debugged critical SMS issues on newer phones. Met launch deadline of the DTEK-60.
- Improved internal proprietary Alert API and implemented **inline alert component** for PIM.

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

- Structured automation algorithms on server-side order processing, **reducing manually assigned orders by 70%**, processing through **1500+ orders per day**.
- Implemented productivity features in C# and refactored company's ASP.NET MVC legacy code.
- Improved company web application's internal UI and UX using Telerik DevCraft.

Projects & Portfolio [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.

[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.

[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. Google maps for locating event.

[RealTalk](#) – Speech translator on Android. Yandex API, Google speech-to-text API.

[Neighbourfood](#) – Finding nearest located home-cooked foods. PHP back-end, native android solution.

[ProFitness](#) – High-school app made in grade 11. Stores user accounts on Parse and created friend system.

Carich Consulting – Worked as a design intern in summer 2015. Drafted logos, letterhead, business cards.

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