

Zeqi Cui

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

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

Work Experience **BlackBerry Ltd** **Sept 2016 – Dec 2016**
Software Developer Intern Waterloo, ON

- Achieved full integration of WeChat, Telegram into Hub infrastructure for 2017 release.
- Heavy refactor of Hub+ notification handling on the Android platform. Added “account-view” feature, and increased robustness of back-end notification parsing.
- Improved proprietary Alert API and implemented inline alert component for PIM.

QUS **Jan 2016 – April 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.

Steve Luka **May 2015 – Dec 2015**
Front-End Developer, Co-founder Toronto, ON

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

Carich Consulting **May 2015 – Dec 2015**
Graphic Designer Toronto, ON

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

Projects & Portfolio **Arrow A.I. – [Github](#)**

- 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 – [Github](#)

- 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 – [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.

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

Education University of Waterloo
Candidate for Bachelor of Applied Science (BASc) - Electrical Engineering 2020