

# Zeqi Cui

[www.zeqicui.com](http://www.zeqicui.com) | [z26cui@uwaterloo.ca](mailto:z26cui@uwaterloo.ca) | [www.github.com/zeqicui](https://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 in order to detect early progression of Huntington’s disease, model trained with raw sensor data of hand-joint coordination.

### 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.

### Pro-Fitness – [Github](#)

- Social platform for gym-users and trainers. Keeps track of workouts with update notifications.

## 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