

# Zeqi Cui

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## 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 into Hub infrastructure for 2017 January release.
- Heavy refactor of Hub+ notification handling on the Android platform. Added “account-view” feature, handling immediate notifications for newly added social accounts.
- Implemented inline alert component featured in 2016 December release.

## 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