

# ANGELIA GONG

3B Bachelor of Computer Science (Co-op)

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in Angelia(Yuqing)Gong

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## SKILLS

### Languages

C/C++/C#	Java
Javascript	SQL
HTML+CSS	Powershell

### Frameworks

.NET  
Node.js  
React Native

### Database

Microsoft SQL Server  
MongoDB  
DB2

### Version Control

Git  
Team Foundation Server  
Perforce

### Other Tools

Apache JMeter  
Jenkins  
Microsoft LUIS  
Visual Studio 2013/2015  
Android Studio  
IntelliJ  
CLion  
Xcode

## EDUCATION

### University of Waterloo

Sept 2015 - Present  
Honors of Bachelor of  
Computer Science (Co-op)  
3B term

## WORK EXPERIENCE

### OpenText | Software Developer

Jan 2018 – Apr 2018 | Waterloo, ON

- Participated in the Content Server team. Built an internal development tool for performance testing, analysis and reporting of Content Server builds. Successfully caught and reported runtime issues and a memory leak before its release.
- Created programs using Java, Python, Powershell and Batch scripts to integrate various platforms and open source services, including Microsoft Hyper-V Manager, OpenText System Center, Jenkins, Apache JMeter, for the automation of running daily performance tests and generating reports.
- Created performance tests using Apache JMeter and Selenium WebDriver to mimic users' interaction with the software and record the runtime and memory usage.

### D+H | Software Developer

Jan 2017 – Apr 2017 | Mississauga, ON

- Participated in a back-end framework team; worked on Canada Student Loans Program and Alberta's Student Loans Repayment Assistance Program
- Developed data-mining REST APIs with C# to retrieve dynamic data from Kentico Web Content Management System, MainFrame data storage, and SQL database.
- Developed webpages and templates using HTML and Kentico CMS tool.

### Dell Inc. | Software Engineer Intern

April 2016 – August 2016 | Ottawa, ON

- Participated in the team that develops and maintains a data-analytics product, which does data mining and reporting from enterprise communication platforms.
- Co-developed a conversation bot with Microsoft LUIS and C#, which eases the process and complexity of getting data analysis within the product.
- Designed training sets of utterance queries and generated training data for Machine Learning to process human language in the conversation bot.
- Worked with Agile (Scrum) methodology; participated in daily scrum stand-up meetings, sprint planning, demo and retrospectives to discuss work progress.

## SIDE PROJECTS

### EduAce

Ongoing side-project

- Co-developing a React Native educational mobile app, targeting secondary school students and teachers, providing them a platform for communication.
- Worked as the team leader, architect, database and UI designer in a team of 3 people from different universities in different countries.
- Designed and implemented database structure with MongoDB; implemented server-side functions with Node.js; built REST APIs to communicate between Heroku server and front-end; created React Native login page.

### Valentine-Matching

February 2016 | UWLTK Club event project

- Co-developed a couple-matching program with Java to support a university club's celebration event for Valentine's Day. Manipulated the Stable Marriage Algorithm to support different gender participants' populations.
- Among 180+ participants, the program successfully matched 80+ couples, where 2 participants became couples in real life and many became good friends.