

# Angelia Gong

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in Angelia (Yuqing) Gong

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## Skills

### Languages

- C#
- C++
- C
- R
- Javascript
- Java (self-learning)
- HTML & CSS
- SQL

### Tools & Technologies

- Visual Studio 2013/2015
- .NET framework
- Git
- XCode
- Microsoft LUIS
- Windows, OS X, Linux systems

### Others

- Adobe Photoshop
- Adobe Illustrator
- Flash

## Work Experiences

### D+H

*Software Developer*

**Mississauga, ON**

*January 2017 – April 2017*

- Participated in a **back-end framework team**; worked on Canada Student Loans Program and Alberta's Student Loans Repayment Assistance Program.
- Developed **Data-mining APIs** using **C#** to retrieve dynamic data from Kentico Web Content Management System, MainFrame data storage and SQL database.
- Developed webpages and templates using **HTML4** and **Kentico CMS tool**.
- Designed and implemented common web components and widgets to improve user experience and enhance client's satisfaction.

### Dell Inc.

*Software Developer Intern*

**Ottawa, ON**

*May 2016 – Aug 2016*

- 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 complexity of getting data analysis within the product.
- Developed sample sets generator for **Machine Learning** model training by **C#**, which contributed to language processing in the conversation bot.
- Worked in **Agile (Scrum)** team; used **Visual Studio Team Foundation Server (2015)**; participated in daily scrum stand-up meetings, sprint planning, demo and retrospectives to discuss work progress.

## Projects

### Valentine-Matching Program

- Organized a couple-matching online event in Waterloo during Valentine's Day.
- Co-designed the **matching algorithm** by manipulating the Stable Marriage Algorithm; partially developed the program using **Java**.
- Wrote advertisement on social media and designed the application form.
- Attracted **180+** participants and successfully matched **80+** couple; gained significantly high credibility on multiple social media account.

### ChamberCrawler3000 (CC3K)

- Co-developed the **console game** CC3K for course project and received **100%**.
- Co-designed the architecture of the program and drew **UML** diagrams.
- Implemented major system components including player and non-player characters and items (treasure and potion) using **C++**.
- Used a variety of **design pattern**, including **factory method**, **observer pattern**, **strategy pattern**, **template method**, etc.

## Education & Achievements

### University of Waterloo

**Waterloo, ON**

*Honors of Bachelor of Computer Science with Business Option (Co-op)*

*Sept 2015 – Present*

- Received **100%** on the **presentation** of a new venture idea, food-preordering app.
- Presented creative insights in solving BBM's financial and user base problem; received **92%** in group **presentation** and **100%** in the individual component.
- Awarded for University of Waterloo **President's Scholarship** in 2015