

Angelia Gong

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in Angelia (Yuqing) Gong

AngeliaGong

https://angeliagong.github.io

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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

UWLTK Club Event Project

February 2016

- 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(CC3L)

CS 241 course project

December 2016

- 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 (Co-op)

Sept 2015 – Present

- Received 100% a new venture idea presentation, 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.