

ALICE LIU



EXPERIENCE

Softek | Financial Software Developer

May 2016 - Aug 2016 | Mississauga, ON

- Implemented argument parser to accept **XML** file, and applied its contents to the registry and file system on the local machine
- Developed a configuration for financial software in **C#** that allows users to view and modify the configuration settings
- Optimized the software with reduced redundant user information which resulted in a more efficient UI using **WinForms**

Minerva Web Designs | Web Developer

Sept 2015 - Apr 2016 | Waterloo, ON

- Designed numerous websites using **WordPress** according to client needs
- Worked on user interface of the websites in **HTML** and **CSS** collaboratively with design team



PROJECTS

Jobminer - ConUHacks | 2016

JavaScript, HTML, CSS, Python, Json

- Built a web application that uses **Rabin-Karp string searching algorithm** to match user's skills with the content of the job description to determine the user's job compatibility

Java Platform Game | 2015

Java, Design Patterns, Graph Theory

- Converted map coordinates to undirected graphs and implemented **Floyd-Warshall algorithm** to improve game efficiency
- Implemented collision detection, sound effects, tile sets, maps, and player sprite animations

CONTACT

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SKILLS

Programming: C, C++, C#, Scheme, Java

Database: MySQL, XML

Web: HTML, CSS, JavaScript (jQuery)

Other: Microsoft Office, WinForms

EDUCATION

Bachelor of Computing and Financial Management

University of Waterloo | 2015-2020

ACTIVITIES

ETIC Club | Event Coordinator

Sept 2016 - Present | Waterloo

- Planned and organized weekly economical discussion topic and contacted with guest speakers for over 20 club members

Interests:

Competitive Badminton, Basketball, Tennis, Swimming, Table Tennis, Running, Violin