ALEX WEN

University of Waterloo
1B Computer Engineer

CONTACT

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SUMMARY

Proven to work efficiently under pressure

Quick learner

Proven leadership and managerial experience

Excellent oral and written communication skills; fluent in English and Mandarin

LANGUAGES

C, C++, C#, HTML, CSS, Turing
Familiar with **Java, LaTeX and JavaScript**

TOOLS

IDE/Editor: **Eclipse, Visual Studio, Dev-C++**
Productivity: **Microsoft Word, Microsoft Excel, Google Docs**
Frameworks: **Bootstrap, Node.js, jQuery**

INVOLVEMENT

Waterloo Aerial Robotics Group
Clean Snowmobile Design Team
Archery Club
Intramural Dodgeball
Ballroom Dancing

WORK EXPERIENCE

Marketer, Scholars at Your Service   Sept 2013-Aug 2014
- Went door to door to sell painting services
- Efficiently sell a product/service to customers, while maintaining a friendly environment

Sushi Chef, Bento Chef   July 2012-Aug 2012
- Worked alone to make over 50 boxes of sushi in under four hours
- Responsible for a clean and tidy workstation

RELEVANT PROJECTS AND EXPERIENCE

Fluid, coded in **C#** An application that takes a general template file, and a general body file to generate a fully functioning website.

Ballin', coded in **C#** with **Unity Engine**, A simple 2-D game that requires the player to avoid enemies.

Me Myself and I, coded in **Turing** Platformer computer game where the player has to interact with his ghosts to complete each level.

Waterloo Ariel Robotics Group Design Team   Jan 2015-Present
- Goal is to make a fully autonomous plane that is able to find and locate set targets
- Using JavaScript to develop the GUI for the ground station

Clean Snowmobile Design Team   Sept 2014-Present
- Goal is to make a super-efficient and super powerful snowmobile
- Responsible for the wiring of the snowmobile

USACO US Open Programming Competition   Sept 2012-June 2014
- Used C++ to solve various programming problems
- Implemented algorithms such as breadth first search
- Worked efficiently under tight time constraints

OTHER EXPERIENCE

President of Kiwanis Educating Youth Club   Sept 2013-June 2014
- KEY Club is a volunteer and charity club that focuses on giving back to the community
- Make sure that each club and board meeting is well planned, organized, flows smoothly and ends on time
- Prepare next year's president for duties as the club's next chief officer
- Also took on the role of treasurer, to maintain accurate financial records

EDUCATION

Honours Computer Engineering co-op   2014-2019
Candidate for Bachelor of Applied Science (BaSc), University of Waterloo
- Awarded President's Entrance Scholarship

High School Diploma   2010-2014
Bell High School Gifted, with Honour Roll
- Graduated with Ottawa Carleton District School Board Silver Medal