

LINGYUN GUO

2B Software Engineering

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<http://lingyunguo.github.io/resume>

TECHNICAL SKILLS

- Proficient in C/C++, JavaScript, HTML and CSS, familiarity with Assembly, Python and C#
- Working experience with Docker, Vagrant, MongoDB and Elasticsearch
- Experience using Microsoft Word, Excel, PowerPoint, Adobe Photoshop, JIRA

SUMMARY OF QUALIFICATIONS

- Outstanding academic behaviour, strong self-teaching ability, self-motivated
- Strong and efficient teamwork skills, coupled with excellent independent working ability
- Fluency in Chinese and Hokkien
- Deep passion for delicate and ingenious mobile applications and webpages

WORK EXPERIENCE

• **Jr Developer, Intellisoft Development Inc., Toronto, Canada, May 2015 - Aug. 2015**

- Wrote cross-browser compliant XHTML, CSS & JavaScript under .NET framework, worked on design implementation
- Participated in Current Student Page project from start to finish
- Performed routine site maintenance and Search Engine Optimization

• **Application Developer, Lone Wolf Real Estate Technologies, Cambridge, Canada, Jan. 2016 - Apr. 2016**

- Built micro-services using MongoDB, Express, Angular, and Node.js in Docker environment, wrote unit tests for backend scripts using Mocha
- Used OData query to retrieve data from MongoDB and Elasticsearch
- Deployed Nginx as load balancer for servers, investigated and applied image storing solutions, implemented OAuth protocol

PROJECTS

• **Robot Minesweeper, Sept. 2014 - Dec. 2014**

- Effectively created a live 5×5 minesweeper game, using robot and cardboards with a group of 6 students
- Made and tested models, coded with python, used IR sensor to detect mines and multidimensional array to build up virtual grid, achieved 100% as grade

• **Tetris, Feb. 2016**

- <http://lingyunguo.github.io/>
- Used HTML5 canvas to create the interface for tetris game, wrote jQuery code to control and decorate the canvas object
- Applied responsive design to the game page so that it works on both desktop and mobile

EDUCATION

• **Candidate for Bachelor of Software Engineering, Co-operative program, University of Waterloo, Sept. 2014 - present**

- Has been selected into Dean's Honours List for academic performance in 1A term