

Local Address

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ZIHAO ZHANG

2A Computer Science
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<http://zihao.me>

SUMMARY OF QUALIFICATIONS

- Experienced in software development with multiple programming languages
- Expert Knowledge of sophisticated algorithms and their applications
- Demonstrated ability to quickly adapt new environment and technology
- Self-motivated, enthusiastic and responsible worker
- Excellent verbal and written communication skills; fluent in Mandarin Chinese

SOFTWARE DEVELOPEMENT

- Programming Languages: C/C++, Python, Racket, Java, X86 Assembly, C#, JavaScript, SQL
- Software/Tools: Vim, Git, Xcode, Visual Studio, Android Studio, Photoshop
- Projects (More on Github: <http://github.com/zzh8829>)
 - Personal Website (Node.js, HTML/JavaScript/CSS)
 - Minecraft Clone (Python, C++)
 - 3D Rubik's Cube Simulator (Java)
 - Hearthstone Artificial Intelligence (C++, C#)
 - Hoppy Operating System (Assembly, C++)

AWARDS

- **International Olympiad in Informatics (IOI) Bronze Medal**, IOI Scientific Committee, 2014
- **Canadian Computing Olympiad (CCO) Gold Medal**, CEMC, University of Waterloo, 2014
- **Canadian Computing Olympiad (CCO) Bronze Medal**, CEMC, University of Waterloo, 2013

EDUCATION

- **Candidate for Bachelor of Computer Science**, Honours Computer Science, University of Waterloo, Waterloo, ON, Sept. 2014 – present
- **Relevant Courses**: Object-Oriented Software Development, Designing Functional Programs, Elementary Algorithm Design and Data Abstraction.
- **Ontario Secondary School Diploma**, Vincent Massey Secondary School, Windsor, ON, June 2014
 - Distinguished Honour Roll
 - Academic Award in Computer Science

ACTIVITIES & INTERESTS

- **Intramural Dodge Ball Team Member**, University of Waterloo, ON (Jan. 2015 - April 2015)
 - Winter 2015 Beginner Level Champion
- Vincent Massey Secondary School, ON
 - **FRC Robotics Team Member** (Sept. 2013 - June 2014)
 - Leader of software development team
 - Implemented computer vision algorithms
 - **Computer Science Club Member** (Sept. 2011 - June 2014)
 - Taught algorithms and data structures
 - **Web Development Team Member** (Sept. 2011 - June 2014)
 - Developed and maintained school website
- Computer Security, Theoretical Physics, Running