

Zheng Chen

UW ID#: 20547901

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Zheng Chen

2A Honours Computer Science
University of Waterloo

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SUMMARY OF QUALIFICATIONS

- Proactive self-learner, highly interested in newborn technology and willing to discover unknown field
- Strong demonstrated communication and negotiation skills, able to explain complicated technical concepts in plain language to clients
- Solid analytical skills and attention to details enhanced through Computer Science and Mathematics courses at university
- Possess strong commitment to team environment dynamics with the ability to contribute expertise and follow leadership directives at appropriate times
- Highly interested and proficient in data abstraction, elementary algorithm design, and Object-Oriented Programming
- Proficient with Scheme, C, C++ and shell scripting, as well as command line tools
- Programming experience in HTML, CSS, JavaScript and SWIFT

RELEVANT EXPERIENCE

Procurement Manager

Jan. 2015 – April. 2015

Zhengzhou Central Hospital, Henan Province, China

- Negotiated with contractors and suppliers during procurement meetings to determine best applicable price and service
- Discriminated and compared products among various companies to determine the best equipment purchase
- Collected and reported latest market price data to assist the Financial Department estimating budget for future plans

Technical Consultant

Aug. 2013 – Dec. 2013

Zhengzhou Central Hospital, Henan Province, China

- Developed basic HTML knowledge while assisting network technicians to maintain and renew the hospital website
- Offered troubleshooting service (reinstallation, maintenance, virus-removing) for Windows OS users in hospital to ensure the integrity of hospital working environment

Teaching Assistant

Sept. 2012 – June. 2013

Zhengzhou No.1 High School, Henan Province, China

- Maintained attention on detail while revising assignments and tutorial tests to provide accurate and precise feedback to students
- Effectively communicated during weekly tutorial sessions, performing background research and thinking critically to answer students' questions
- Collected feedback for instructors from students and organized in graphs and charts by Excel

EDUCATION

Candidate for Bachelor of Computer Science, *University of Waterloo*, Waterloo, ON,
Jan. 2014 – Present

Relevant Project and Modules :

All those projects can be downloaded from GitLab account <https://git.uwaterloo.ca/u/z274chen>.

- Personal Website (HTML, CSS, JavaScript) <https://www.student.cs.uwaterloo.ca/~z274chen/>
 - ✓ Acquired fundamental skills in webpage development through self-learning online courses
 - ✓ Proficiently and effectively used searching engine to obtain information and technological knowledge
- Tic-Tac-Toe (C++)
 - ✓ Demonstrated the advantage of Object-Oriented Programming, which is allowing methods inside classes
 - ✓ Constructed fastness knowledge about C++ class
- Arithmetic Expression and Tree Structures (C)
 - ✓ Enhanced knowledge in data abstraction and algorithm design
 - ✓ Demonstrated the efficiency and practicability of the Tree Structure through simple and straightforward examples
- UW-API (Racket)
 - ✓ Implemented a campus information reporting program for students based on API provided by the University of Waterloo
 - ✓ Fully illustrated how numbers, strings, and lists can be manipulated and combined in the Full Racket Language

Awards and Certificates:

- **University of Waterloo President's Scholarship, *University of Waterloo*, Waterloo ON, January 2014**
- **MATH/ELAS scholarship, *University of Waterloo*, Waterloo ON, May 2014**
- **Term Dean's Honours List, *University of Waterloo*, Waterloo ON, May 2014 & September 2014**
- **English Language for Academic Studies (ELAS) Certificate, *Conestoga College-Waterloo Campus*, Waterloo ON, April 2014**

ACTIVITIES & INTERESTS

Design and Development

April 2013 – Aug, 2013

Zhengzhou No.1 High School Chinese Character Research Team, Henan Province, China

** We did research on how Chinese characters evolved and conjugated over the past thousands of years, and delivered presentation on campus*

- Fostered proficiency in PowerPoint, Word, and Excel while designing slides and posters for presentations
- Founded organization skills while compiling various materials collected from Internet to give the team a concise summary