

Wen Xu

2A Honours Computer Science | ID: 20505031

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QUALIFICATIONS

- Google App Engine, HTML, CSS and Python experience from Udacity Web Development Course
- One year experience in C and Scheme
- Strong interest in OOP, experience with C++ and Java
- Comfortable in Linux and Mac OS X and skilled in writing Bash script
- Strong interest in researching, learning and keeping up with new technologies
- Excellent communication skills developed from 2-year Model United Nations experience
- Outstanding work ethic and attention to detail

RELEVANT PROJECTS

- **Blog App** - Google App Engine, HTML, Python Mar. - May 2014
 - Developed a blog app by studying an online self-learning course
 - Implemented: HTML, CSS, HTTP Request, Forms, GQL, Hashing
 - Extended the course assignment to a personal website with improved interface
- **Project Euler Problems** - C, Scheme Aug. 2013 - Present
 - Solved 20+ problems with knowledge and tools gained in class
- **Credit Card Checker** - Java Jan. 2014
 - Designed a program that checks the validity and issuing network of credit cards
 - Implemented with object oriented paradigm, Javadoc, input/output

EDUCATION

- **Candidate for Bachelor of Computer Science**, University of Waterloo Sept. 2013 - Present
- **Relevant Courses:**
 - Object-Oriented Software Development
 - Elementary Algorithm Design and Data Abstraction
 - Designing Functional Programs
- **Relevant Assignment:**
 - Spell Checker Mar. 2014
 - Implemented a fast spell checker with error labelling and auto correct
 - Utilized binary search tree, queue with linked lists, function pointer

EXPERIENCE

- **Teaching Assistant** - EnglishFirst, Beijing, China May - June 2013
 - Provided effective oral feedback to parents
 - Offered personalized lessons to K-12 students
 - Promoted interest in learning English
- **Waiter (volunteer)** - National Institute of Technology, Beijing, China 2011 - 2012
 - Initiated volunteer team and led group of 10 people
 - Successfully co-ordinated, scheduled and delegated tasks to members, maximizing work efficiency
 - Marketed team on campus and expanded team size

AWARDS AND SCHOLARSHIPS

- **Mathematics International Students Entrance Scholarship** 2013
Awarded by University of Waterloo Faculty of Mathematics
- **Top 25% Distinction on Euclid Mathematics Contest** 2012, 2013
Awarded by Centre for Education in Mathematics and Computing
- **Certificate of Distinction on Australian Mathematics Competition Senior Division** 2011, 2012
Awarded by Australian Mathematics Trust

ACTIVITIES AND INTERESTS

- **Member**, Table Tennis Club, University of Waterloo May 2014 - Present
- **Member**, UW Conversation Circles, University of Waterloo Sept. 2013 - Apr, 2014
- **President** (appointed), Model United Nations Club, National Institute of Technology 2011 - 2012
- 13 years of piano playing; piano accompaniment improvisation for Eastern pop music