# SHANGSHANG ZHENG
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## OBJECTIVE

Seeking an entry-level position as a computer programmer utilizing knowledge of a variety of programming languages and a solid background.

## SUMMARY OF QUALIFICAIOTNS

- Basic computer programming knowledge

- Oral Communication Skills: Friendly, approachable and able to communicate with clients and staff

- Language: Bilingual- both English and Chinese.

- Organization: Excellent organizational skills and able to prioritize when faced with a number of tasks

- Teamwork: Can work efficiently with team members on large-scale projects

- Intelligent person who studies and adopts new things quickly

## EDUCATION

Bachelor of Mathematics: Honours Mathematics, 2015.Fall – 2016.Spring
                                        Computer Science, 2016.Fall – present
University of Waterloo, Waterloo, Ontario

## COMPUTER SKILLS AND COURSES

Platforms: Windows, Mac OS, Ubuntu
Languages: Racket, C, C++, HTML, CSS, JavaScript
Coding tools: Git, GDB, XCode
Applications: Microsoft Word, Excel, PowerPoint, Photoshop

Courses Included:
Designing Functional Programs, Elementary Algorithm Design and Data Abstraction

Other Skills and Courses Included:
Calculus 1&2 for Honours Mathematics, Algebra for Honours Mathematics, Linear Algebra 1 for Honours Mathematics, Basic Korean, Basic Japanese, Probability, Introduction to Microeconomics 加上这个学期的课

## PROJECT EXPERIENCE
Personal Project:  Personal Web
Link:

- Understanding of the process of web development.

- Analysis of target viewer.

- Design the lay out of the website.

- Turning idea into actual code.

- Basic usage of HTML, CSS, JavaScript.

Personal Project: MeetUp (Still working)
Link:

- A web that help people meeting up. (Turning to an Application in the future)

- Database management.

- Getting external information using API.

- Basic usage of SQL, JavaScript, Python. (still learning)

Group Project: ChamberCrawler3000
Link:

- Three-member group project.

- Leading the project
  - Responsible for member cooperation, efficient communication.
  - Nice communication with prof and TA.
  - Analysis the efficiency, reusability of the code.

- Accomplished largest amount of hard coding.

- Proficient application of Design Patterns. (including observer, strategy, visitor, factory, decorator, etc.)

- Extra DLC (Downloadable Content) implementation

- Overcome two major difficulties alone: random floor generation, usage of ncurses library.

## VOLUNTEER EXPERIENCE IN CHINA

- Police Assistant in Railway Station; QuZhou, ZheJiang — 11/2014-12/2014

- Volunteer in Nursing Home; QuZhou, ZheJiang — 8/2014-8/2014

- Host of a public activity, XinAn Community Office; QuZhou, ZheJiang — 8/2013-8/2013

- Hall Manager, China Construction Bank; QuZhou, ZheJiang — 07/2015. -8/2015