# HAOCEN JIANG

University of Waterloo | Waterloo, ON, Canada | haocen.jiang@edu.uwaterloo.ca | https://haocenj.com

## SUMMARY OF QUALIFICATIONS

- o  Two years of experience in programming and debugging in functional and Object-Oriented programing
- o  One year of experience in software development, interface design and algorithm study
- o  Highly self-motivated and strongly interested in learning new technologies
- o  Good team player with strong willingness to solve problems both individually and collaboratively

## EXPERIENCES

**IT intern** / Shanghai HiChi Chemical CO., LTD                                      2016.05 – 2016.10

- o  Maintained the Customer Relationship Management System for sales purposes.
- o  Maintained official websites using knowledges of JavaScript and HTML as part of a team.
- o  Designed and conducted market researches for product performances in the oversea market of the company and analyzed the data from the statistical points of view.

**Yearbook Editor** / Sino-Canada High School                                      2015.09 – 2017.06

- o  Designed, edited, and organized pages of the yearbook using Adobe InDesign and Photoshop.
- o  Formatted polls and collecting data from students for suggestions and analysis.

**Mathematics Society** / University of Waterloo                                      2017.09 – present

- o  Worked in the Math Society on office routines including organizing forms for numerous purposes.
- o  Employed communication skills to provided services and assistance to students in the faculty.

**First Year Mathematics Tutor** / University of Waterloo                                      2018.09 – present

- o  Provided help to first-year students who have questions on calculus or algebra.
- o  Attended training sessions provided by the Student Success Office to further help the students.

## PROJECTS

**Personal Profile Site** / Personal project                                      2018.05 – present

- o  Wrote and maintained my personal website to practice writing static webs using HTLM, CSS, JavaScript, jQuery as well as the use of Git, GitHub, DOM, Adobe Photoshop, etc.
- o  Uploaded my course notes that were written mainly in Markdown and LaTeX to help other students who missed lectures or wanted some materials to review.

**Tetris Game** / CS246 Class work                                      2018.06 – 2018.07

- o  Wrote an Object-Oriented C++ software Quadris (a static version of Tetris) from scratch.
- o  Designed and wrote a plan of attack including a detailed UML diagram.
- o  Utilized a number of software engineering design patterns including factory methods, observer patterns, NVI idiom and etc. to maximize the efficiency, extendibility and maintainability of the software.

## EDUCATION

**University of Waterloo** / Waterloo, Ontario, Canada                                      2017.09 – present
    Honor Bachelor of Computer Science Candidate (GPA: **88%**)

**Sino-Canada High School** / Soochow, Jiangsu, China.                                      2014.09 – 2017.06
    Graduation with Honor (GPA: **94%**)

## TECHNICAL SKILLS

Programming: (Proficient in) C, C++, Scheme, Python, HTML, CSS; (Familiar with) JavaScript, Scala;
Technologies: (Proficient in) LaTeX, Adobe InDesign/PS, Office; (Familiar with) Git, Bash Shell, MIPS;

## AWARDS AND SCHOLARSHIPS

**Term Dean's Honor List**: University of Waterloo (Fall 2017/ Winter 2018)                  2018
**University of Waterloo President Scholarship**: University of Waterloo                  2018
**Graduation with Honor**: Top10 GPA, Sino-Canada High School                  2017