

## Contact me

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## Websites

shawtan.me  
github.com/tanx8

# Shaw Xiao Tan

## SKILLS SUMMARY

- ▶ Strong in math and computer science (4.0 GPA).
- ▶ Experienced with Java, JavaScript, HTML, CSS.
- ▶ Familiar with ActionScript, Visual Basic, Microsoft VBA, Scheme and LaTeX.
- ▶ Has experience independently developing multiple projects.
- ▶ Intelligent and willing to learn.
- ▶ Motivated, hardworking and accountable worker.

## EXPERIENCE

### Programming Projects

- Personal website 2014
- ▶ Used HTML, JavaScript and CSS to create a website to showcase my projects.
  - ▶ Utilized jQuery and Masonry to create an interactive experience.
- Billards 2013
- ▶ Developed a Java application simulating the game of eight-ball pool.
  - ▶ Created a physics engine to detect collisions and generate realistic bouncing between billiards balls.
- Tetris 2011
- ▶ Developed Microsoft Excel and Visual Basic ports of a multiplayer Tetris game.
  - ▶ Made the game scalable for multiple players.

### Leadership Positions

- Team Captain of *Ultimate Frisbee Team* 2014
- ▶ Scheduled team practices and prepared and led drills and plays to form a cohesive and skilled team.
- Co-Executive of *Tigerhill Orphanage Club* 2010
- ▶ Planned fundraising events and organized groups visiting the orphanage.

### Communication Skills

- Academic Tutor at *Thornhill Secondary School* 2012-2014
- ▶ Tutored high school students in Computer Science, Mathematics and Physics.
  - ▶ Planned and adapted lessons to fit the student's individual needs, leading to academic success for the students.
- Camp Counsellor at *Summer Day Camp* 2009
- ▶ Designed and supervised a physical activity curriculum for children.

## EXTRACURRICULARS

- |                               |      |                                      |      |
|-------------------------------|------|--------------------------------------|------|
| Girls Volleyball Team Member  | 2012 | Empowered Student Partnership Member | 2013 |
| Badminton Team Member         | 2013 | Eye of the Tiger Newspaper Editor    | 2014 |
| Ultimate Frisbee Team Captain | 2014 | Parkour Club Member                  | 2014 |

## AWARDS

- |                                                               |      |
|---------------------------------------------------------------|------|
| Nortel Institute Scholarship                                  | 2014 |
| University of Waterloo President's Scholarship of Distinction | 2014 |
| Canadian Computing Competition Certificate of Distinction     | 2014 |

## EDUCATION

- |                              |                        |
|------------------------------|------------------------|
| University of Waterloo       | 2014 - 2019 (expected) |
| Bachelor of Computer Science |                        |