

## Contact me

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## Find me

shawtan.me  
github.com/tanx8

# Shaw Xiao Tan

## SUMMARY

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- ▶ Strong in mathematics and computer science.
- ▶ Experienced in Java, JavaScript, HTML, CSS, ActionScript, Visual Basic, Microsoft VBA, Processing and Scheme.
- ▶ Has experience independently developing multiple projects.
- ▶ Responsible, organized and capable leader.
- ▶ Intelligent, hardworking and accountable worker.

## EXPERIENCE

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### Programming Projects

#### Website Creation (2014)

- ▶ Created and published a personal website using HTML, JavaScript and CSS.
- ▶ Integrated external Javascript libraries to create a visually pleasing website layout.

#### Billards (2013)

- ▶ Developed a Java application simulating the game of eight-ball pool.
- ▶ Created a system to detect collisions and generate realistic bouncing between billiards balls.

#### Tetris (2011)

- ▶ Developed multiplayer Tetris games using Visual Basic and VB for Applications.
- ▶ Designed game modules that can be scaled from one to four players.

### Leadership

#### Co-Executive of *Tigerhill Orphanage Club* (2010)

- ▶ Planned fundraising events and organized groups visiting the orphanage.
- ▶ Constructed visiting schedules for groups to go to the orphanage.

#### Academic Tutor at *Thornhill Secondary School* (2012-2014)

- ▶ Tutored high school students in the subjects of Computer Science, Mathematics and Physics.
- ▶ Planned and adapted lessons to fit the student's individual needs, leading to academic success for the students.

#### Captain of *Ultimate Team* (2014)

- ▶ Led an intramural Ultimate team during games against other teams.
- ▶ Scheduled team practices and prepared and led drills and plays to form a cohesive and skilled team.

## AWARDS

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### Awards

Nortel Institute Scholarship	2014
University of Waterloo President's Scholarship of Distinction	2014

## EDUCATION

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### University of Waterloo

2014 - 2019 (expected)

#### Bachelor of Computer Science

*Related Coursework:* Designing Functional Programs, Algebra, Calculus II, Calculus I