

Contact me

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Shaw Xiao Tan

Find me

shawtan.me  
github.com/tanx8

SUMMARY

- ▶ 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

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.

Camp Counsellor at Summer Day Camp (2009)

- ▶ Supervised and led children during activities at day camp.
- ▶ Motivated children to participate in activities and follow the rules.

AWARDS

Awards

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

EDUCATION

|   |                        |
|---|------------------------|
| University of Waterloo  | 2014 - 2019 (expected) |
| Bachelor of Computer Science  |                        |
| Related Coursework: Designing Functional Programs, Algebra, Calculus II, Calculus I |                        |