

Contact me

(647) 296 9383
shawtan@gmail.com

Shaw Xiao Tan

SKILLS SUMMARY

Websites

shawtan.me
github.com/tanx8

- Strong in mathematics and computer science.
- Experienced with Java, JavaScript, HTML, CSS
- Familiar with 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

Nortel Institute Scholarship 2014

University of Waterloo President's Scholarship of Distinction 2014

Euclid Certificate of Distinction 2014

Canadian Computing Competition Certificate of Distinction 2014

EDUCATION

University of Waterloo 2014 - 2019 (expected)

Bachelor of Computer Science

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