Contact me

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Shaw Xiao Tan

Websites

shawtan.me
github.com/sxtan

Skiils Summary

- Strong in mathematics and computer science.
- Experienced with Java, JavaScript, HTML, CSS
- Familiar with ActionScript, Visual Basic, Microsoft VBA, Processing, Scheme and LaTeX.
- 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, to create academic success.

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
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