

Evan Finnigan

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EDUCATION

B.Sc. Specialization in Computer Science & Minor in Game Development 2013-2019
The University of Western Ontario, London Ontario

PROFESSIONAL SKILLS

Languages:..... Java, C, C#, JavaScript, Python, C++, Matlab
IDE's & Editors:..... IntelliJ IDEA, Eclipse, Visual Studio, VS Code, vi, Gedit, Notepad++
Other Software Experience:..... Git/Github, SVN, Unity

NOTABLE SOFTWARE PROJECTS

- Node.js** Creating a prototype of a property management web application using Node.js, Express, and MongoDB
- Unity/C#** Created a top-down 2D game demo in which players explore the seas as Vikings, pillage towns for gold, and fight sea monsters.
- Unity/C#** Created a 3D game in which players pilot a firefighting aircraft and extinguish forest fires.
- C** Implemented Bresenham's line drawing algorithm, created a 3D mesh object by rotating and connecting the points in a 2D profile of the object.
- C** Implemented a ray tracer program capable of diffuse, speculate, and ambient shading, as well as recursively computing reflection and refraction.
- Java** Built a desktop weather application, using the OpenWeatherMap API to retrieve data, Maven for build automation, and Swing for GUI design. (Group Project)
- Python** Implemented search algorithms for a Pacman game environment. Depth First Search, Breadth First Search, Uniform Cost Search, and A* Search were implemented.
- Python** Implemented MiniMax with Alpha-Beta pruning for a PacMan game environment.

WORK EXPERIENCE

Resource Team	Canterbury Hills Camp	Ancaster, ON	May 2019	-	August 2019
Programming Instructor	Real Programming 4 Kids	London, ON	October 2018	-	February 2019
Overnight Camp Leader	Canterbury Hills Camp	Ancaster, ON	June 2018	-	August 2018
Game Programming Intern	Big Blue Bubble,	London, ON	May 2016	-	September 2017
Landscaper/Technician	Cassel Care Lawn Services,	Brantford, ON	May 2014	-	September 2015
Residential Cabin Leader	Canterbury Hills Camp	Ancaster, ON	May 2010	-	August 2012

EXTRA CURRICULAR EXPERIENCE

Space Society of London	Vice President of Finance	2014-2015
	Vice President of Events	2015-2016
Junior Achievement Company Program	VP Finance for JA Company Bella Terra	2012-2013
	VP Finance for JA Company Duct Tape Customs	2011-2012

CERTIFICATIONS

Nonviolent Crisis Intervention	Crisis Prevention Institute	Issued: 15/06/2019
ACCT Level 1 - Full	Adventureworks! Assoc. Inc	Issued: 26/05/2019
Mental Health First Aid Training	Mental Health First Aid Canada	Issued: 31/03/2019
Standard First Aid and CPR C	Canadian Red Cross	Issued: 15/06/2018
Ontario Driver's Licence, Class G	Service Ontario	Issued: 14/01/2016

References Available Upon Request