

Evan Finnigan

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EDUCATION

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

PROFESSIONAL SKILLS

Languages:..... Java, C, C#, Python, JavaScript, MatLab
Operating Systems:..... Windows, Ubuntu, OS X
IDE's:..... Eclipse, IntelliJ IDEA, Visual Studio, CodeBlocks
Text Editors:..... vi, Gedit, Notepad++
Other Software Experience:..... Git/Github, SVN, Unity

NOTABLE SOFTWARE PROJECTS

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

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

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