Evan Finnigan

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EDUCATION

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

NOTABLE SOFTWARE PROJECTS

Unity/C#   Created an interactive visualization of approximation algorithms for the bin packing problem. This included the algorithms Next Fit, First Fit, Best Fit, and Worst Fit.

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 use a firefighting aircraft to extinguish forest fires.

C   Implemented a simple ray tracing program which computes diffuse, specular, and ambient shading, as well as a recursive computation of reflection and refraction.

Java   Built a desktop weather application using data from the OpenWeatherMap API, Maven for build automation, and Swing for GUI components. (Group Project)

Python   Implemented Depth First Search, Breadth First Search, Uniform Cost Search, and A* Search. These algorithms were applied in a Pacman game environment.

Python   Implemented the MiniMax algorithm with Alpha-Beta pruning. This algorithm was applied in a Pacman game environment.

WORK EXPERIENCE

Role	Organization	Location	Dates
Resource Team Member,	Canterbury Hills Camp,	Ancaster, ON	May 2019 – Present
Programming Instructor,	Real Programming 4 Kids,	London, ON	Oct. 2018 – Feb. 2019
Game Programming Intern,	Big Blue Bubble,	London, ON	May 2016-September 2017
Overnight Cabin Leader,	Canterbury Hills Camp,	Ancaster, ON	Summer 2012 & 2018
Landscaping Technician,	Cassel Care Lawn Services,	Brantford, ON	Summer 2014 & 2015

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