Daniel Allott

5 Hope Street, Glossop, SK13 7SB
07419117333
daniel@llott.co.uk
www.danielallott.com

Skills

C# - 6 year	C++ - 1 year	Javascript & HTML - 6 months	Java - 6 months
Unity - 4 years	Visual studio - 6 years	A-frame - 3 months	
VR Development - 1 year	Various office suites - 10+ years		

Education

University of Nottingham   2018 - 2019

MSC computer science.

Final grade to be finalised.

Final year project on virtual reality visualisation of phylogenetic trees.

Modules including: Advanced Algorithms and Data Structures, Design Ethnography, Mixed Reality Technology, Linear and Discrete optimization, Games.

University of Hull   2015 - 2018

BSC computer science.

Upper second class honours.

Final year project on board game simulation and optimization.

Modules including: Artificial Intelligence, Simulation and 3D Graphics, Networking, Games Architecture, and Machine Learning.

Ashton sixth form college   2013 - 2015
A-levels in: Mathematics B, Computer science C, Physics C.
AS-level in: Further Maths D.

Glossopdale   2007 - 2013
GCSE: A* A A A B B C C C

Project work

Virtual reality visualisation of phylogenetic trees
Final year project for Nottingham MSC. A phylogenetic tree is a hierarchical graph used to represent evolutionary relationships between organisms. The project aimed to innovate phylogenetic tree visualisation's by using a number of different techniques. Most notably the use of 3D, VR, sphere coordinates, and hyperbolic space.

Games and Game-Jams
Regular game-jam entrant. Two time winner of the Hull University game-jam Three Thing Game, one time as the sole programmer (for examples see website). Multiple small experimental game projects in a variety of genres and utilizing a variety of techniques.

C++ Projects
A number of C++ projects with a couple of major projects. A C++ program than simulated and could solve sudoku problems utilising a basic unique candidate technique. In addition I optimized a hash table system in C++ in order to better understand the data structure.

Miscellaneous experience

Drivers licence
Full clean drivers licence.

Board Games society
Treasurer for the Hull Board Game Society for two years. Handled finances and ran events for a membership of 80 plus.

Charity shop
Volunteered at a charity shop for greyhound rescue. Handled the till, bank transfers, pricing and managed stock.