

Sean Donnelly

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Demos: <http://www.sendspace.com/file/gg4omh>

OBJECTIVE

To become part of a successful company in the games industry.

SKILLSET

Languages: C++, C#, HLSL, Prolog, SQL/TSQL

Technologies: DirectX 9.0c, 10, Ogre3D, PS2 Linux, FMOD, .net, asp.net, SQL server

Tools: Visual Studio 8, 9, PIX, Photoshop, Dreamweaver

GAMES INDUSTRY EXPERIENCE

2009 **DARE TO BE DIGITAL 2009 WINNER**

Nominee for the BAFTA "One to Watch" award.

Worked as a programmer on "Colour Coded" as part of a team of five for ten weeks

Main coding responsibilities – Gameplay, Graphics, UI

Technologies used- Ogre3d, PhysX, Flash, FMOD

EDUCATION

2008-Jan 2010 **UNIVERSITY OF ABERTAY DUNDEE** Bell St, Dundee, UK

MSc Computer Games Technology

"To evaluate and implement atmospheric light scattering in a real time application"

- Dissertation completed. Grade due in March 2010

Postgraduate Diploma in Software Engineering (Computer Games Technology)

- Overall result: Distinction

Programming Games (DirectX): A

Artificial Intelligence for Games: A

The Games Marketplace: A

Mathematics for Computer Games: A

Console Game Development (PS2 Linux): B

Masters Proposal: A

Game Programming for the PC and Xbox: A

Game Design and Development (Developed an RTS using Ogre as part of a team) A

2004-2008 **SLIGO INSTITUTE OF TECHNOLOGY** Ballinodare, Co. Sligo, Ireland

BSc (Hon) in Software Development

- Third year overall result : BSc Ord. with Distinction
- Fourth year overall result : BSc Hon with First Class Honours

Key subjects and projects:

Math, Windows programming (.net with c#), Web programming (asp.net with AJAX), Human Computer interaction, Artificial Intelligence, Database development (SQL server), Software Engineering, IT Management.

- Year 3 project
Multiplayer Bomberman clone using XNA
- Year 4 (Hons) project
An FPS demonstrating enemy AI and pathfinding using XNA

1999-2004 **ST. MARY'S COLLEGE BALLISODARE** Ballisodare, Co. Sligo, Ireland

- 355 Points achieved in Leaving Cert 2004
- Completed ECDL (European Computer Driving License) program

RELEVANT EMPLOYMENT

Summer 2007 **MEATH COUNTY COUNCIL IT DEPARTMENT** Railway St, Navan, Co. Meath

Software Developer

- Developed software; asp.net websites using AJAX controls
- Work experience part of degree.

HOBBIES AND INTERESTS

Own an Xbox 360 and PC. My favourite and most played games include Zelda, Goldeneye, Deus ex and the GTA series. My other interests include playing guitar and football.

CODE DEMOS

Available from <http://www.sendspace.com/file/gg4omh>

REFEREES

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