

# Ong Jit Sheng Jonathan

## Personal Details

Nationality: Singaporean

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## Education

### **Nanyang Polytechnic (NYP)**

**June 2005 – March 2008**

Diploma in Digital Entertainment Technology with Merit, Game Programming track

### **Dunman High School (DHS)**

**2001 – 2004**

Passed GCE 'O' Levels with 8 distinctions

## Skills Base

### **General Programming**

- Extensive knowledge of the C and C++ programming languages
- Experience with Java programming for mobile devices (J2ME)
- Experience with the Lua scripting language
- Experience with web technologies such as (X)HTML, CSS, PHP and MySQL

### **Game Programming Skills**

- Experience with XNA, C# and Xbox 360 development
- Experience with the OpenGL 3D graphics API
- Experience with real-time shader programming (GLSL and HLSL)
- Experience with J2ME and 3D graphics for mobile games
- Experience with the Ogre 3D rendering engine

## Work Experience

Associate Software Engineer, Localization at Electronic Arts Asia Pacific, 2008

- Localization of titles for PC and NDS

Software Engineer at Nanyang Polytechnic, 2008

- Developing a game engine with input based on music and emotion
- Graphics component and video input

Internship at Nabi Studios Pte Ltd, 2007 – 2008

- Lua scripting
- OpenGL and GLSL

#### Programming Game Engine Project, 2007 – 2008

- Developed a full 3D game in C++ on Ogre 3D engine
- AI
- Lua scripting

#### Final Year Project, Nanyang Polytechnic, 2007

- Developed a full 3D game in C# for XNA on Xbox 360
- HLSL shader programming

#### Semester Project 4, Nanyang Polytechnic, 2006

- Developed a full 3D game in C++ in a team
- OpenGL and GLSL
- Lua scripting

#### Semester Project 3, Nanyang Polytechnic, 2006

- Developed a full 3D game in C++ in a team
- OpenGL
- Student article featured on Gamasutra

#### Mobile Games Project, Nanyang Polytechnic, 2006

- Developed a mobile game in Java (J2ME) in a team
- Mobile 3D Graphics API

#### **Honours and Achievements**

- Koei Silver Medal by NYP for outstanding results (2008)
- Project article featured on Gamasutra (2006)
- High Distinction for International Competitions for Schools (Computer Skills) (2004)
- School Colours Award (Individual) by DHS (2004)
- Chairperson of DHS IT Club (2003 – 2004)
- CCA Exco (2003 – 2004)
- Silver Award for Singapore Mathematical Olympiad (Junior Section) (2002)

#### **Personal Interests**

Science and technology, mathematics, foreign languages, music, jogging, cycling, gaming

#### **References available upon request**