

Resume of Hansel Koh

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Leadership Experiences:

- Team leader for Singapore Games Creation Competition 2007 30-hour Code-a-thon (2007)
- Team leader for various projects during polytechnic. (2005 – 2008)
- Team leader for team SwiftDream in Robo-GP for
 - 3rd, 4th, 5th Nationwide ITE/JC Nationwide Competition, February (2003 – 2006)
 - Singapore Robo Grand Prix @ Motorshow, (Nov 2004)
- Peer Motivator of ITE College Central (MacPherson) July Intake, (Jul 2003)
- Ngee Ann Concert Band clarinet principal player and sectional leader, (2001 – 2002)

Programming:

- Singapore-MIT GAMBIT Game Lab, (Mar 2008 - Jun 2008)
 - Worked as a programmer in a 7 man team that included other programmers, a producer, artist, sound engineer and QA testers using the scrum methodology.
 - Created a commercial title, CarneyVale: Showtime for release on Xbox Live Community Games. 2D puzzle platformer game with ragdoll physics developed using XNA for the Xbox 360 & PC
- Programming Game Engine Project, (Feb 2008)
 - Developed a full 3D fps game in C++ using Ogre 3D engine.
 - Worked with Ageia's PhysX physics engine.
- Singapore Games Creation Competition 2007 (Sep 2007)
 - 30-hour Code-a-thon, developed Paros Game Cube awarded Best XNA award.
 - Independent Games Developer Challenge, developed Defender 2 game awarded Best Visual Award.
- Final Year Project, Nanyang Polytechnic, (Aug 2007)
 - Client based project.
 - Developed a game using VB.net & C#.net using brainwave input to interact with gameplay.
 - Objective to help autistic patient through brain training.

Teaching:

- Taught ITE College Central (MacPherson) during holidays.
- Taught Ngee Ann Secondary School clarinet section during holidays.
- Given motivational talks to ITE College Central (MacPherson) during (2005).

Software Skills:

- Experience with game programming on C++, C#, VB, XNA, Java, J2ME, Actionscript 2.0, GLSL/HLSL, FMOD, LUA script, OGRE 3D, OpenGL and DirectX
- Experience with website design on Dreamweaver with HTML, XHTML, JavaScript, MySQL and CSS, ASP and PHP 5.
- Experience with graphics and model design on Autodesk Maya, Adobe Photoshop.

Language Skills:

- Fluent In English and Mandarin.

Education:

- 2005 – 2008 Nanyang Polytechnic, Diploma with Merit in Digital Entertainment Technology Specialize in Game Programming. (GPA 3.654/4.0)
- 2003 – 2004 ITE College Central (MacPherson), Certificate of Merit in Nitec in Info-Communication Technology. (GPA 4.0/4.0)
- 1999 – 2002 Ngee Ann Secondary School, G.C.E 'N' level.

Co-Curricular Activities

- Nanyang Polytechnic
 - Symphonic Orchestra
 - Orientation Group Leader
- ITE College Central (MacPherson)
 - Robotics
- Ngee Ann Secondary School
 - Concert Band
 - Student Councilor.
- Others
 - Mus'Art Wind Orchestra. (2005 - Present)
 - InClarion Clarinet Choir. (2006 - 2007)
 - Soka Wind Ensemble. (2001 - 2005)

Awards and Activities

- XNA Dream Build Play 2008 1st place, Singapore-MIT GAMBIT Game Lab (2008)
- Singapore Games Creation Competition 2007 Best Visual and XNA Game. (2007)
- Singapore Games Creation Competition 2006 Technical Mentor. (2006)
- Mus'art Wind Orchestra, 1st National Band Competition - Open Division: GOLD. (2006)
- World Cyber Games 2005 Singapore volunteer. (2005)
- Mus'art Wind Orchestra, Gold at the 15th World Music Competition held in Netherland. (2005)
- SplashAwards Wireless Jam 2005 2nd place. (2005)
- Lee Kuan Yew Gold Medal Award, Model Student and LKY-STEP Award. (2005)
- Lee Kuan Yew Model Student/Trainee Award. (2005)
- Tay Eng Soon Scholarship. (2005)
- Certificate of Merit in Nitec in Info-Communication Technology. (2005)
- Course medal in Info-Communication Technology. (2005)
- CCA medal in IT and engineering club. (2005).
- Mus'art Wind Orchestra, Gold at the 15th World Music Competition held in Netherland. (2005)

Personal Data

Birth date : 24th December 1986
Marital status : Single
Nationality : Singaporean

References

- References available upon request.