

# Curriculum Vitae

**Thanh Duc, Dao**



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## Objective

To continually develop my knowledge of IT and Telecommunications in a challenging environment where initiative and strong communication skills are highly valued.

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## Educational History

2006 – 2008

**Master of Science in Computer Vision and Robotics**

Combined program offered by three universities in Europe :

- Heriot Watt University ( Edinburgh, UK)
- University of Burgundy ( Le Creusot, France )
- University of Girona ( Girona, Spain)

**Focus**

- Computer vision – Signal processing
  - 3D reconstruction, Pattern recognition, Object detection, Image Analysis, Infrared imaging. Visual Perception, Wavelet.
- Autonomous Robot – Artificial Intelligence
  - Tracking, Finding target, Slam.

**Achievement**

- Distinction average . Result attached.
- Thesis titled “ Underwater 3D reconstruction using stereo images ”

2002 – 2005

**Bachelor of Engineering**

- Major in Telecommunications, University of New South Wales, Sydney, Australia.

- **Focus**

- Computer Vision – Image processing:

- 3D image reconstruction, Image filtering, Compression and Decompression
- Mobile and Satellite communications.
  - GSM, CDMA system, Infrastructure planning
- Information and Coding
- Data networks
  - Various Internet protocols and systems . Wireless networks

#### **Achievement**

- First class honor
- Distinction (82.5) average results.
- Thesis project: '3D reconstruction from multiple images'.

#### **Awards**

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|-------------|---|
| 2006 – 2008 | <p><b>Erasmus Mundus Scholarship</b><br/>         Granted by European Commission for 25 students worldwide to follow the master program in Computer vision and Robotics in 3 different universities in Europe.</p>  |
| 2002 – 2005 | <p><b>Faculty of Engineering Dean's Award</b><br/>         One of 17 students who got the Faculty of Engineering Dean's award in 3 years 2002 – 2004, consecutively.<br/> <i>The Dean's Award is the prize to recognize the outstanding academic achievement of 120 best students every year (among thousands of students enrolled in the Faculty of Engineering at University of New South Wales).</i></p> |
| 2002        | <p><b>Australian Development Scholarship (ADS)</b><br/>         Granted by the Australian Agency for International Development (Ausaid) to 50 high achieving students in Vietnam to study undergraduate program in Australia.</p>   |

#### **Employment**

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|-------------------|--|
| 2006              | <p><b>Game Developer – Punch Entertainment</b> ( US company based in Viet Nam)</p> <ul style="list-style-type: none"> <li>• Developed games on Mobile phones using Java and C++ flat form.</li> <li>• Cooperate with other game developers, artists, testers to deliver final products on time and meeting customers' requirements.</li> <li>• Manage different projects at the same time, under high pressure.</li> <li>• Website: <a href="http://www.punch-entertainment.com/">http://www.punch-entertainment.com/</a></li> </ul> |
| March – June 2005 | <p><b>Tutor – University of New South Wales , Australia</b></p> <ul style="list-style-type: none"> <li>• Assist students with exercises in C and Assemble programming</li> <li>• Demonstrate the concepts of data structures and interfacing between various components in micro_processor devices.</li> </ul>   |

December 2004 -  
January 2005

**Research student - Taste of Research Summer scholarship**

- Implement I2C communication protocol on DSLMU 2 development board using HDL designer, ModelSim and Leonardo Spectrum. Program FPGA using VHDL language

**Extra Curricular Activities**

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- Ballroom dancer & teacher
- Photographer ( My website : [www.thanhdad.deviantart.com](http://www.thanhdad.deviantart.com) )

**Key skills**

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| <b>Communications</b>                    | <ul style="list-style-type: none"> <li>• I have developed excellent communication skills both in written and oral English after 7 years living and studying in Australia, UK, France, Spain. I am also able to communicate in basic Spanish.</li> <li>• Various work experiences as teacher, tutor, team mate also required me to express my ideas clearly and effectively.</li> </ul> |
| <b>Problem solving and self research</b> | <ul style="list-style-type: none"> <li>• One key skill that I have learned from the Engineering course is the practical approach to solve the problem and the ability to research and work independently under minimum supervision of senior engineers</li> </ul>  |
| <b>Computer Skills</b>                   | <ul style="list-style-type: none"> <li>• Working in both Windows and Linux operating system.</li> <li>• Proficient in C, C++ , Java, Matlab.</li> <li>• Competent with Photoshop and have experienced many different tools and bench works.</li> </ul>   |

**Referees**

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**Dr Xavier Llado**

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