

TRUNG HUYNH

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Education

10/2008 – 09/2009	<i>MSc Computer Science</i> , University of Oxford, UK <i>Graduation date:</i> Sept 2009 <i>Main modules included:</i> <ul style="list-style-type: none">• Intelligent system I• Object oriented programming• Concurrent programming• MSc Project about Machine Learning Techniques in Robot Football (applied in RoboCup 2009, Graz, Austria http://bit.ly/z55Ap).• Information retrieval• Databases systems implementation• Intelligent system II
09/2005 – 06/2008	<i>BSc Electronic Communication System</i> , University Of Plymouth, UK first class with honour <i>Main modules included and marks:</i> <ul style="list-style-type: none">• Signal analysis and processing (84.4%)• Machine vision and behavioural computing (73%)• Individual project (Finger vein authentication system) (72.8%)• Work based learning (88%)• Radio communication engineering (84%)• Telecommunication principles (82%)• Engineering science (98%)• Introduction to high level programming (60%)• RF and microwave techniques (80.3%)• Satellites and Mobile communications systems (70.4%)• Operating system & network (86%)• Further analogue electronics (86%)• Further digital electronics (76%)• Satellite & Mobile communications (80%)• Optical systems (70%)• Electrical & Electronic principles (80%)• Business and management techniques (61%)• Analytical method (86%)
09/2004 – 06/2005	<i>BEng Computer Engineering (1st year)</i> , University of Technology, Ho Chi Minh city, Vietnam
09/2001 – 06/2004	Le Quy Don high school, Danang, Vietnam <i>Modules and marks:</i> <ul style="list-style-type: none">• Computing (10/10)• Physics (9.7/10)• Mathematics (8.6/10)• Chemistry (8.8/10)• Biology (9.4/10)• Engineering science (9.6)• Literature (9.1)• History (9.0/10)• Geology (9.4/10)• English (9.3/10)

Awards

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- **RoboCup 2009, Graz, Austria:** I was in a two-member team, OxBlue2009, representing the University of Oxford and gained 6th place in Robot Football 2D Simulation League.
 - **Vietnam ACM ICPC:** the 1st award (afterwards the team came to the US for ACM International Collegiate Programming final Contest).
 - **Vietnam National Algorithmic Programming Competition for Senior High school students:** the 3rd award, 2004.
 - **Vietnam National Software Programming Competition for Senior High school students:** the 1st award with *The blinder helper*, 2003.
 - **Algorithmic Programming Olympic for Senior High school students in Southern Vietnam:** 2 gold medals in 2003, 2002.
 - **Vietnam National Algorithmic Programming Competition for Senior High school students:** the 1st award,
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2002.

- **Vietnam National Software Programming Competition for Junior High school students:** the special award with *Typing tutor*, 2000.

Experience

08/2009

Part-time web developer for Sail Media Ltd., London, UK

At Sail Media, I picked up Wordpress platform and cooperated with a professional web designer to create www.clearnetics.com in a week time (PHP & MySQL). The main requirement of the website is to create a website that admins can easily change the layout/contents of the website via admin panel (only click and drag & drop, no code touch). Thank to the internship, I found the simplicity and flexibility of Wordpress which can be used to develop CMS sites very quickly.

06/2007 – 09/2007

Intern web developer for MobileCircle Ltd., Los Angeles, US

At MobileCircle, I picked up Ruby on Rails and worked on a new generation social network in a three-member team. I was also in charge of creating a simple Facebook Application. Even though the project was unsuccessfully launched, I learned a lot from the internship where I reckoned the beauty of RoRs and learned how to use Facebook APIs, Prototype, Script.aculo.us.

2007 – 2009

Pet project: www.VietnamWiki.net

My friend and I founded VietnamWiki.net two years ago. The website is a wiki which is an open encyclopaedia for travellers to share their travelling knowledge about Vietnam. The initial purpose of the website is to create an visual easy-to-use interface (not using Wikipedia traditional interface) so that users can easily edit contents on the Wiki. I was the core developer of the whole website and have been using PHP, MySQL, JQuery, Google APIs with SEO in mind. I am still continuing developing the website in my free time as a pet project in order to keep updated with the newest technologies like Facebook Connect and Tweeter APIs.

Programming knowledge

Languages:

- **Java** - Java was used throughout my whole MSc course in modules such as Object oriented programming, Intelligent system I & II, Information retrieval.
- **C++** - The language was used in my undergraduate and MSc courses in modules such as High Level Programming, Database System Implementation and my MSc Project Machine Learning Techniques in Robot Football.
- **PHP, MySQL, XHTML, JavaScript, CSS** - I picked up these languages for my own project, my internships and have been coding Object Oriented PHP for 2 years.
- **Ruby** - I picked up Ruby on Rails during my internship and programmed in Ruby for 3 months.
- **Pascal** – This may be no longer in use nowadays but it has been my language in contests since my age 13.
- **Scala** – This is used during my Concurrent Programming module.

Algorithms:

Graph, Heuristics, Dynamic, Sort, Hash, Genetic.

Software & OS:

Windows 98, 2000, XP, Linux, Unix, Microsoft Office Suite 2007, Visual Studio Suite 2005

Tools & Frameworks:

MVC, AJAX, JQuery, Mootools, Prototype, Script.aculous.us, Facebook APIs (including Facebook connect), Google Map, Google Translator, Wordpress.

Societies & Hobbies

Societies:

Oxford university computer society

St Anne's college football club

Hobbies:

Playing and recording guitar, rock ballad, travelling, swimming, playing ping pong, table football, pool, BBQ, karaoke, clubbing.

References

References available upon request.