JARROD TOH JUN HAO

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Availability: January 2013 onwards

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Profile

- Final Year Undergraduate studying B.Eng(Hons) in Computer Science, Nanyang Technological University. Expected to be graduated in December 2013
- Keen interest in Web Development, Data Analytics, Information Retrieval, and Project Management.
- Effective bilingual in English and Chinese, spoken and written.
- Highly-motivated and independent
- Good presentation skills
- Strong team player and able to work effectively with people of different culture

Computer Skills

Ordered from most proficient to least proficient

Operating System	Windows, Linux
Programming Language	Python, C#, Java, C, C++, Visual Basic, Scheme, Prolog
Web Development	Django, ASP.NET, PHP, JSP, HTML & CSS, jQuery/Javascript, AngularJS, Yeoman
Mobile Development	Windows Phone 7/8, Android
Other Development	Windows 8 App, Unity3D Game Engine
Databases	MySQL, MS SQL
Others	Git, SVN, Microsoft Office (Word, Excel Powerpoint), Adobe Photoshop

Experiences

Web Developer Intern to Part-time, *Paywhere Pte Ltd* (May 2013 – Current)

- Paywhere is a startup company specializing in their social commerce platform, TackThis!
- Joined the company as an intern and was converted to part-time after completion of internship.
- Developed on TackThis! Platform using PHP, Django, AngularJS, and jQuery.
- Single-handedly revamped their API to v2.0 and incorporated a Wallet System to their platform which allows user to buy credit to be used in all feature purchases.

Web Developer, *IPTECH Pte Ltd (March 2008 – August 2008, June 2011 - August 2012)*

- Worked Part-Time basis as ASP.NET (C#) Web Developer to support University expenses
- Handled projects of various sizes, inclusive being one of the pioneer developers on a social network platform (ManpowerKU!)
- Worked on CMS such as TelerikCMS

Web Developer Intern, *Chass Computers Solutions Pte Ltd (April 2007 – August 2007)*

- To fulfil an internship criteria for Polytechnic Diploma
- Handled ASP.NET (Visual Basic) web developments on clients' HR Information Systems
- Team Leader for a Windows Mobile 5 app development project

Notable Projects

Educational Data Mining (FYP for Bachelors Degree)

- Built on Django Web Framework, and deployed to AppFog's PaaS Cloud Service
- Analyse on GCE 'O' Level Additional Mathematics dataset to display useful knowledge to end-user

- Uses HighCharts API to display topic trend and distribution analysis, and implemented K-Means algorithm for clustering similar questions based on concepts and formulae used. Questions were also tagged with Concept Tags and displayed to end-user as Tag Cloud for better vision of important topics and concepts.
- Improvised on existing web application by utilizing jQuery and Bootstrap CSS to improve the user experience

Data Mining Classification and Clustering Assignment (Coursework Assignment for Data Mining)

- Implemented basic K-Nearest Neighbour for data classification, and K-Mean for data clustering.
- Assignment has a bonus segment of improving one of the algorithm to earn extra credit. Chose K-Nearest Neighbour to improve, and implemented Locality Sensitive Hashing (LSH) algorithm. LSH algorithm improved the efficiency of the classification from 50 seconds to 17 seconds.

Educations

Nanyang Technological University   July 2010 – December 2013

- Final Year Undergraduate, B.Eng(Hons) in Computer Science

Ngee Ann Polytechnic   April 2005 – June 2008

- Completed with Diploma in Mobile Business Solution (School of InfoComm Technology)

Unity Secondary School   January 2001 – December 2004

- Completed with 7 GCE 'O' Levels Passes

Clubs and Associations

Microsoft Student Partner (University)   2011 - Present

- Campus Co-Lead of NTU Microsoft Student Partners team, managing a team of 14 enthusiastic partners.
- The MSP programme is a student-led programme that works closely with Microsoft Singapore's Developer's Platform Evangelism team.
- Hosted MS Excel workshop, C# workshop, and Windows 8 Developer's workshop in NTU Campus

National Cadet Corps (Secondary School)

- 1st Sergeant in Unity Secondary School NCC(Air), and appointed as a Platoon Sergeant

National Service

Regimental Police in 6th Armament Depot, Central Ammunition Command   June 2008 – June 2010

- Last Promoted to Lance Corporal and appointed as a Shift I/C.