Alvin Jude

nationality	Malaysian	*email*	alvin@dartarrow.net
d.o.b.	9 March 1984	*website*	http://dartarrow.net
residence	Waco, TX	*phone*	(254) 413 1023

GOAL

Gain fundamental experience in my area of interest and expertise.

EDUCATION

Masters of Computer Science

2012–Present · Baylor University

Research Area: Human Computer Interaction

Bachelor of Computer Science

2002-2005 · Coventry University

RANK: Honours, Second Class Upper
THESIS: Remote PC Manipulation via PDA over Bluetooth

PUBLICATIONS

Alvin Jude, G. Michael Poor, and Darren Guinness, *Personal Space: User Defined Gesture Space for GUI Interaction*. To appear in CHI 2014 Extended Abstracts, ACM 978-1-4503-2474-8/14/04. doi:10.1145/2559206.2581242.

WORK EXPERIENCE

Baylor University

2013–Present · Research Assistant

Tasked to setup newly formed Human Computer Interaction lab. Mentored juniors, established engineering procedures and infrastructure. Performed research in Hand-Gestural interaction and explored research options with other next-generation devices.
Reference: G. Michael Poor · michael_poor@baylor.edu

2012–2013 · Teaching Assistant

On top of general TA duties, also introduced fixes and developer's manual to software used in-house for teaching databases.
Reference: Greg Speegle · greg_speegle@baylor.edu

Self Employed

2010–2012 · Technical Consultant

Served as an independent consultant for various project and companies including the following:

2011–2012 · iOS Development, AGILE PERSPECTIVES — MALAYSIA

Developed iOS applications for an international insurance corporation, as well as one iOS app for a consumer-facing startup dealing in retail.

2010–2011 · System Administrator, COUCHSURFING.ORG

Daily operations: monitoring, security, optimization, deployment, etc. Tools of the trade included Puppet, Zabbix, HAProxy. Deployed a cluster of static content servers (NGinX) to reduce the load off the dynamic servers which resulted in much higher reliability.

Aflexi	*2009–2010* · System Engineer

Aflexi was a CDN Software startup, and is currently a division of OnApp. My responsibilities were more DevOps involving backend development and system administration. I built a monitoring infrastructure with Nagios, Collectd, and custom software feeding PowerDNS for DNS-based CDN routing. Tools of the trade also included Puppet, Zabbix, Reprepro, RRD.
Reference: Whei Wong · whei.wong@onapp.com

iMocha Consulting	*2007–2010* · Team Lead

Initially hired as a Junior Java Developer, I eventually built and ran a LAMP team of up to 8 people, dealing mostly with financial institutions. Responsibilities included hiring, firing, and mentoring programmers, system administrators, system analysts, and interns, as well as requirements gathering from clients.
Reference: Koh Kok Wei · kokwei@imocha.com.my

Sony Manufacturing	*2005–2007* · Engineer, Sony EMCS — Malaysia

Developed Linux-based software required for manufacturing. Also wrangled servers used in manufacturing and supply chain. Tools of the trade included MFC, VB.NET, PHP, Postgres, GTK.

TECHNICAL SKILLS

Basic	R · Matlab · C#
Intermediate	Python · LaTeX · C · PostgreSQL · Nmap · Git · svn · Objective-C · Android
Advanced	NGinX · Puppet · Nagios · Collectd · PHP · MySQL · Java

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OTHER INFORMATION

Communication	Former Malaysian Public Speaking Champion
Entrepreneurship	Baylor NewVenture 2014: Top-5 Finalist & 3rd place Elevator Pitch
Languages	English · Native
	Malay · Intermediate