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RAN WEI

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EDUCATION

Singapore	Nanyang Technological University	Sep 2009 – Jun 2013
<ul style="list-style-type: none">• B.Eng. (Computer Engineering) Cumulative GPA: 3.2/4.0 Major GPA: 3.3/4.0• Courses: Object-Oriented Programming; Algorithms; Software Engineering; Artificial Intelligence; Operating Systems; Databases; Computer Graphics; Computer Networks; Distributed Systems.		

EMPLOYMENT

Chief Mobile Engineer	Smiter Pte Ltd, Singapore	Jan 2015 – Now
<ul style="list-style-type: none">• Working on mobile app development of next-generation wireless fencing product.		
Software Engineer (Java)	Works Applications, Singapore	Oct 2013 – Dec 2014
<ul style="list-style-type: none">• Designed, developed and maintained back-end business logic for Accounting ERP Packages, which is delivered to over 1,000 enterprise customers, with No.1 (32.6%) market share in Japan.• J2EE web development skills in JSP, JSF, Javascript, HTML, CSS, Bootstrap and PrimeFaces.		
Commodity IT, Intern	Barclays Capital, APAC	May 2013 – Jul 2013
<ul style="list-style-type: none">• Worked with Commodity IT Team on the Falcon Project, to build, test and deploy strategic reporting systems. Invaluable experience with SDLC and C# .NET framework.		
Prime Services IT, Intern	Royal Bank of Scotland, APAC	Jul 2012 – Sep 2012
<ul style="list-style-type: none">• Improved server efficiency by 5% - 10% by developing a Management Information System (MIS) used for pro-active capacity planning and server redundancy monitoring.		
Windows Phone Developer	Twizone Pte Ltd, Singapore	May 2012 – Jun 2012
<ul style="list-style-type: none">• Designed and developed a psychological treatment app on Windows Phone 7.• Worked with front-end, UI and marketing. Invaluable experience in product design and development		
Apple Online Store, Intern	Apple Computer, South Asia	Jul 2011 - Dec 2011
<ul style="list-style-type: none">• Developed AppleScript applications for SAP ERP, which extract, filter and analyze user order data.• SME order management team reduce their processing time for engraving order transaction by 35%.		
Non-paid Volunteer	ROWON, Kathmandu Nepal	May 2011 - Jun 2011
<ul style="list-style-type: none">• Worked as an English tutor for rural kids and unemployed women in a Kathmandu village, Nepal.• Made 4 public speeches in local schools on "Gender Equality" and "Importance of Education".		

PROJECTS AND AWARDS

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- **Top 6 finalist, Hacknovate IT Competition (Team, Jun 2013):** Worked in team of 2, designed a mobile app solution "CareSpace" for caregivers working in hospitals and caregiver centers.
 - **Champion, Unilever Sustainable Living Challenge (Team, Apr 2013):** Worked in team of 3, designed next-gen rotational lotion pump for FMCG products. Biggest prize and enormous interest received.
 - **Winner, Microsoft Lumia 800 Challenge (Individual, 2012):** First ever "Metro app" for Singapore on Windows Phone that supports search feature. Downloaded 20,000 times and rated 4 star.
 - **Winner, Nokia Knight Achiever Award (Team, 2012):** Awarded S\$3,000 for cumulative download of 150,000 (for 10 apps) within 3 month on Windows Phone Marketplace.
 - **Route Finding Robot driven by motor (Team, Apr 2011).** Designed and built a route-finding robot with sensors, motors and Renesas H8 board, along with a computer-side Java simulation program.