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# Andhieka Putra

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## WORK EXPERIENCE

<b>iOS Developer Intern</b>	<b>Garena Online Pte. Ltd.</b>	<b>May 2015 – August 2015</b>
<ul style="list-style-type: none"><li>Detected several urgent live issues by writing a script that monitors App Store user reviews</li><li>Wrote an iOS image editing library used in live Garena products</li></ul>		
<b>Academic Intern</b>	<b>Universitas Siswa Bangsa Internasional</b>	<b>June 2014 – July 2014</b>
<ul style="list-style-type: none"><li>Critically evaluated journals and research papers in the field of Context-Aware Smart Home, with guidance from Professor Teddy Mantoro</li><li>Wrote an Android application to remotely control a Smart Home prototype</li></ul>		
<b>Software Engineer Intern</b>	<b>Optimai Pte. Ltd.</b>	<b>January 2013 – May 2013</b>
<ul style="list-style-type: none"><li>Wrote dynamic menu generator for Optimai, eliminating the need to recompile and redeploy software every time customer requests for a new feature</li><li>Reviewed suitability of Birst BI software for Optimai's requirement</li></ul>		

## EDUCATION

<b>Singapore</b>	<b>National University of Singapore</b>	<b>2013 - present</b>
<ul style="list-style-type: none"><li>Bachelor of Computing (Computer Science), Honours</li><li>Expected Graduation June 2017</li><li>CAP 4.10/5.00 as of July 2015</li></ul>		

## COMPUTING SKILLS

- Languages: Swift, Objective-C, Java, JavaScript, Ruby, HTML, CSS, C++, Python, VB.NET
- Mobile Development: iOS, Android (basic)
- Database: Microsoft SQL Server, PostgreSQL
- Web tools: NodeJS, SinatraRB, Django REST Framework (basic), nginx (basic), Apache (basic)
- Operating System: Ubuntu Linux, CentOS Linux

## PROJECTS

<b>NUSGo – <a href="http://www.nusgo.net">www.nusgo.net</a></b>	<b>May 2015</b>
<ul style="list-style-type: none"><li>Web app to find meal buddy in NUS (NodeJS, socket.io, SQL, JS)</li></ul>	
<b>BioLifeTracker for iOS – <a href="https://github.com/molamolastudio">https://github.com/molamolastudio</a></b>	<b>April 2015 – May 2015</b>
<ul style="list-style-type: none"><li>Animal behaviour data-taking system, comprising of an iOS App with capability to receive and aggregate data from other applications (like HealthKit), and a REST backend server for synchronization of data between multiple iOS users (Swift, Python, Django)</li></ul>	
<b>Perspective – Facebook Singapore Hackathon (Second Prize)</b>	<b>7 February 2015</b>
<ul style="list-style-type: none"><li>Perspective won the second prize at Facebook Hackathon. Perspective brings plain Google Photospheres to life by allowing people to overlay photos, videos and stories on top of the Photospheres' 3D space. Experience it live at <a href="http://www.andhiekaputra.com/fbperspective">www.andhiekaputra.com/fbperspective</a></li></ul>	
<b>NuVi: NUS Module Planning and Checking System</b>	<b>June 2014 – August 2014</b>
<ul style="list-style-type: none"><li>NuVi makes it easy for NUS students to make their study plan from enrolment until graduation. I led the development of user database, login system, and the backend in general. Experience the app live at <a href="https://nuvi.herokuapp.com">https://nuvi.herokuapp.com</a></li></ul>	

## ADDITIONAL EXPERIENCE AND AWARDS

<b>Bronze Medal (2 times)</b>	<b>National Olympiad in Informatics (SG)</b>	<b>2010, 2012</b>
<ul style="list-style-type: none"><li>Independently studied algorithm skills from CLRS textbook and MIT 6.006 OCW Lectures</li></ul>		

## CO-CURRICULAR ACTIVITIES

<b>President</b>	<b>Tembusu College Guitar Ensemble</b>	<b>2014 – 2015</b>
<b>Section Leader</b>	<b>Victoria JC Guitar Ensemble</b>	<b>2011 – 2012</b>