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WORK EXPERIENCE

CTO and Cofounder	SuiteLyfe Technologies Pte. Ltd.	September 2015 - present
<ul style="list-style-type: none">Leads and manages the development team since the beginning of the company.Leads product design, software architecture and interface design, and programming.		
iOS Developer Intern	Garena Online Pte. Ltd.	May 2015 – August 2015
<ul style="list-style-type: none">Detected several urgent live issues by writing a script that monitors App Store user reviewsWrote an iOS image editing library used in live Garena products		
Academic Intern	Universitas Siswa Bangsa Internasional	June 2014 – July 2014
<ul style="list-style-type: none">Critically evaluated journals and research papers in the field of Context-Aware Smart Home, with guidance from Professor Teddy MantoroWrote an Android application to remotely control a Smart Home prototype		
Software Engineer Intern	Optimai Pte. Ltd.	January 2013 – May 2013
<ul style="list-style-type: none">Wrote dynamic menu generator for Optimai, eliminating the need to recompile and redeploy software every time customer requests for a new featureReviewed suitability of Birst BI software for Optimai's requirement		

EDUCATION

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

COMPUTING SKILLS

- Languages: Swift, Objective-C, Java, JavaScript, Python, Ruby, HTML, CSS, C++, VB.NET, OCaml, Scala, Haskell
- Parallel Computing: CUDA, OpenMPI
- Mobile App Development: iOS, Android
- Database: Microsoft SQL Server, PostgreSQL, MySQL
- Web tools: Django, DRF, Celery, AngularJS, NodeJS, Rails, Sinatra, nginx, Apache, WordPress
- Operating System: Ubuntu Linux, CentOS Linux

PROJECTS

NUSGo – www.nusgo.net	May 2015
<ul style="list-style-type: none">Web app to find meal buddy in NUS (NodeJS, socket.io, SQL, JS)	
BioLifeTracker for iOS – https://github.com/molamolastudio	April – May 2015
<ul style="list-style-type: none">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)	
Perspective – Facebook Singapore Hackathon (Second Prize)	7 February 2015
<ul style="list-style-type: none">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 www.andhiekaputra.com/fbperspective	
NuVi: NUS Module Planning and Checking System	June – August 2014
<ul style="list-style-type: none">NuVi makes it easy for NUS students to make their study plan from enrolment until graduation. App live at https://nuvi.herokuapp.com	

ADDITIONAL EXPERIENCE AND AWARDS

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