



Education	National University of Singapore <i>Bachelor of Computing (Computer Science), Honours</i>	2013 - present
	Victoria Junior College <i>'A' Level, Science Stream</i>	2011-2012
	St Joseph's Institution <i>'O' Level</i>	2009-2010
Computing Skills	<ul style="list-style-type: none">• Programming Languages: CSS, HTML, Java, JavaScript, Ruby• Modern Platform: Android• Database: PostgreSQL, Transact-SQL• Softwares: Adobe Photoshop, Adobe Lightroom, Apple Final Cut Pro X, Microsoft Office• Spoken Languages: fluent in English and Indonesian, both written and spoken.	
Work Experience	NuVi / NUS Module Planning and Checking System <i>Web Application - part of summer project (group of two people)</i>	June 2014 - Present
	<ul style="list-style-type: none">• In charge of backend development, user database, security and login system.• Web server is written in Ruby (on Sinatra) and hosted on Heroku.• Database using PostgreSQL on Heroku, used with Sequel object relational mapper gem.• User save and load function using AJAX.• Application is online at https://nuvi.herokuapp.com	
	Universitas Siswa Bangsa Internasional / Smart Home <i>Android Development for Smart Home Project</i> During this two-month internship, I was introduced to the latest research about Context-Aware Smart Home. Guided by Professor Teddy Mantoro, I read and made critical evaluation of the many research in the field of Context-Aware Smart Home. I learned a little about Artificial Intelligence along the way. The final product of this internship is an Android application to remotely control a Smart Home prototype.	June 2014 - July 2014
Co-Curricular Activities	Optimai Pte. Ltd. <i>Software Engineer (Intern)</i>	Jan 2013 - May 2013
	<ul style="list-style-type: none">• Worked in a team of seven, reporting to Mr Bernard Loh.• Learned corporate programming tools such as Visual Studio, Team Foundation Server, SQL Server, DevExpress for Visual Studio, Birst Enterprise BI, QlikView BI.• Applied skills learned to automate menu generation of Optimai MTS. The class was eventually pushed to production.• Liaised with Birst technical support via video conferences to help evaluate the features of Birst software for company's use.	
	President, Tembusu College Guitar Ensemble	Jan 2014 - present
Additional Experience And Awards	<ul style="list-style-type: none">• Conducts and teaches guitar lessons for beginner guitarists in Tembusu Residential College, NUS.	
	Section Leader, Victoria JC Guitar Ensemble	Jun 2011 - Jun 2012
	<ul style="list-style-type: none">• Led a team of seven people, many of them beginners, to learn guitar and participate in school performances, national competitions and a music exchange trip to Japan.• Official photographer and video editor for Guitar Ensemble March Camp 2012.	
	Member, SJI Micromouse Club	Jan 2009 - Jun 2010
	<ul style="list-style-type: none">• Conducted introduction to programming class for about ten secondary one students in February 2010, using C++ language.	
	Bronze Medal (2 times), National Olympiad in Informatics	March 2010 and 2012
	<ul style="list-style-type: none">• Individual programming competition hosted by NUS School of Computing, consisting 4.5 hours of algorithm challenges.• 2010: My first programming medal in Singapore, earned through self-learning and self-practice.• 2012: Earned invaluable experience in working with other programmers (as preparation for the contest), as well as understanding of algorithms and data structures by watching MIT 6.006 Lectures online at OpenCourseWare.	