

## G. J. Melvyn Sng

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### Education

#### Nanyang Technological University

Singapore

Bachelor of Science: Computer Science (Expected Dec 2017)

Masters: Technology Management (Expected Dec 2017)

- **Coursework:** Algorithms, Object-Oriented Design and Programming, Introduction to Databases, Operating Systems, Artificial Intelligence, Programming Languages and Compilers, Software Engineering, Software Systems Analysis, Net-Centric Computing, Technopreneurship, Foundations of Business
- **Study Abroad:** 12-month exchange at the University of California, Berkeley
- **Honors:** College Scholar (2013)
- **GPA:** 4.72/5.00

### Experience

Feb 2016 to Present	<b>Ladon Technologies</b>	Berkeley, CA
	<i>Ladon is a start-up focused on breaking language barriers using crowdsourcing of Language Assistants</i>	
	<b>Co-founder, Full-Stack Software Engineer</b>	
	<ul style="list-style-type: none"><li>• Lead Ladon's technical development</li><li>• Architecture and development of Ladon's web application using HTML, CSS, jQuery, Python Flask, Django, PostgreSQL, and Heroku</li></ul>	
May 2016 to Jul 2016	<b>Wonderware, Schneider Electric</b>	Lake Forest, CA
	<i>Wonderware by Schneider Electric is a multinational software and solutions brand for industrial automation, HMI, SCADA applications</i>	
	<b>Project Delivery Summer Intern</b>	
	<ul style="list-style-type: none"><li>• Developed a HMI for a SCADA application proof of concept using Wonderware Application Server</li><li>• Presented the proof of concept to a prospective client through teleconferencing</li></ul>	
May 2015 to Jul 2015	<b>Silverline, Newton Circus</b>	Singapore
	<i>Silverline, Newton Circus is a start-up focused on elderly monitoring systems using IOT technologies</i>	
	<b>Web Development Intern</b>	
	<ul style="list-style-type: none"><li>• Worked with the Silverline UI/UX design to convert wireframes of the dashboard into a website using HTML, CSS, Javascript, jQuery, NodeJS and Parse</li><li>• Improved the code architecture of the existing dashboard by re-implementing the existing code using the AngularJS framework</li></ul>	
<b>Additional</b>		
	<b>Website:</b> <ul style="list-style-type: none"><li>• www.melvynsng.com</li></ul> <b>Extra Curriculum:</b> <ul style="list-style-type: none"><li>• Head of Education, Maker's Lab, NTU Renaissance Engineering Club (2016)</li></ul> <b>Programming Languages:</b> <ul style="list-style-type: none"><li>• Very familiar with Python, Javascript, HTML, CSS, Java</li><li>• Proficient in C/C++, PHP, MySQL, C#</li></ul> <b>Development Frameworks / Libraries:</b> <ul style="list-style-type: none"><li>• Very familiar with Heroku, Flask, Django, PostgreSQL</li><li>• Proficient in AngularJS, NodeJS, ExpressJS, Parse, MongoDB, Amazon Web Services, WebSockets, Unity5</li></ul> <b>User Interface / User Experience Design:</b> <ul style="list-style-type: none"><li>• Proficient in Photoshop</li></ul> <b>Languages:</b> <ul style="list-style-type: none"><li>• Fluent in written and spoken English and Mandarin</li></ul>	