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Education

Aug 2016 - Present	**National University of Singapore** Bachelor of Science (Honours) in Business Analytics *(Course details in Appendix A)*	Singapore
Jan 2012 - Dec 2013	**Saint Andrew's Junior College** • Singapore-Cambridge General Certificate of Education Advanced Level	Singapore

Work Experience

May 2018 – Aug 2018	**JPMorgan Chase & Co.** *Summer Technology Analyst (incoming)* • Will be working in the Enterprise technology, Global Technology Infrastructure team.	Singapore
Jan 2018 - Apr 2018	**National University of Singapore** *Teaching Assistant (Programming Methodology)* • Conducted weekly tutorials for a class of 18 students which improved my ability to communicate technical concepts. • Tasked to grade students on their weekly assignments which honed my ability to give relevant feedback to students.	Singapore
Aug 2017 – Dec 2017	**The Synergy Lab** *Research Assistant* • Developed a chatbot that surveys and collects user's answers on texting habits which are then used for research purposes. • Deployed an integrated system with database and backend support so as to facilitate the fetching and updating of data.	Singapore

Scholastic Achievements/Extracurricular Activities

Aug 2016 – May 2017	**Scholarship** NUS Utown Scholarship (Ridge View Residential College)	Singapore
Sep 2017	**J.P. Morgan Code for Good 2017** Winner • Tasked with conceptualizing and creating an MVP in under 10 hours for a non-profit organization. • Developed a matchmaking application via the Facebook Messenger platform to help single mothers find babysitters to look after their children while they are at work. • Pitched the idea to a panel of 20 judges in under 2 minutes. • Won the hackathon that had 12 teams of 5 members each.	Singapore

Ethan Chen

| May 2017 | **NUS Data Science Student Challenge 2017** | Singapore |
| | Top 6 | |

- Utilized the Microsoft Azure cloud computing service to develop solutions to problems in healthcare, education or energy.
- Created a neural network model that predicted the likelihood of contracting common diseases based on a user's answers to 10 simple questions within 24 hours.
- Developed the solution through an API pipeline and Telegram chatbot interface.

| Jun 2017 - Feb 2018 | **Colours of Impressionism Chatbot** | Singapore |

- Developed a chatbot to enhance museum goer's experience in exhibition rooms of National Gallery Singapore.
- Worked closely with National Gallery's curatorial team and Facebook's content team to create a seamless integration between exhibition content and the Facebook Messenger platform.
- Gained firsthand experience in server deployment, stress testing and server maintenance through creating an application that has been used by more than 1000 unique users.

Skill Sets & Proficiency

Category	Skill	Proficiency
Programming	Java	Proficient
	Python	Proficient
Web	HTML	Intermediate
	CSS	Intermediate
	Node.js	Proficient
	React.js (Redux)	Proficient
	Meteor.js	Basic
Database	SQL	Basic
	MongoDB	Basic
Scripting	JavaScript	Proficient
Analytics/Machine learning	R	Basic
	Tensorflow	Intermediate
	Pandas	Basic
	Numpy	Intermediate
	Tableau	Basic

Language Proficiency

Spoken	English – fluent; Mandarin – fluent
Written	English – competent; Chinese – average