

Ethan Kuang CHEN

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Online Resume:



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 <ul style="list-style-type: none">Singapore-Cambridge General Certificate of Education Advanced Level	Singapore

Work Experience

May 2018 – Aug 2018	JPMorgan Chase & Co. <i>Summer Technology Analyst (incoming)</i> <ul style="list-style-type: none">Will be working in the Enterprise technology, Global Technology Infrastructure team.	Singapore
Jan 2018 - Apr 2018	National University of Singapore <i>Teaching Assistant (Programming Methodology)</i> <ul style="list-style-type: none">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 <i>Research Assistant</i> <ul style="list-style-type: none">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 <ul style="list-style-type: none">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

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

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