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CONTACT INFORMATION	#02-14 200 Pasir Panjang Road Singapore 118571	wymerik@gmail.com weiyumou.github.io
RESEARCH INTERESTS	Deep Reinforcement Learning, Representation Learning, Dialogue Systems, Bioinformatics	
EDUCATION	Nanyang Technological University  Singapore	
	 B.Eng., Computer Science (Intelligent Systems)  Aug 2013 - Jun 2017	
	<ul style="list-style-type: none">• GPA: 4.48/5.00, Second Upper Class Honours• NTU Science and Engineering Undergraduate Scholarship• Final Year Project: <i>A Machine Learning-Based Approach to Time-Dependent Shortest Path Queries</i>, advised by Assoc Prof Xiaokui Xiao	
	 B.Business (Information Technology)  Aug 2013 - Jun 2017	
	<ul style="list-style-type: none">• GPA: 4.29/5.00, Second Upper Class Honours	
WORK EXPERIENCE	Deutsche Bank AG  Singapore	
	 Graduate Analyst  Jul 2017 - Present	
	<ul style="list-style-type: none">• Migrate high-volume trading data to new reporting systems• Perform data integrity check to ensure system compatibility	
	 Summer Intern  May 2016 - Jul 2016	
	<ul style="list-style-type: none">• Validated the feasibility of deploying businesses to new systems• Developed macros to reduce the time for data compatibility check by 90%	
	Autodesk Inc.  Singapore	
	 Summer Intern  May 2015 - Jul 2015	
	<ul style="list-style-type: none">• Built dashboards to visualise operations data for managerial decision-making• Presented to the global department head possible ways to improve operational efficiencies	
	 Global Intern Ambassador (Volunteer work)  Jun 2015 - Jun 2015	
	<ul style="list-style-type: none">• Spearheaded the preparation of a cultural journey for worldwide colleagues• Collaborated with fellow ambassadors to plan itineraries and activities	
PROJECT EXPERIENCE	March Machine Learning Mania 2016, Kaggle  Jan 2017 - Apr 2017	
	<ul style="list-style-type: none">• Predicted the results of all possible matches amongst 68 NCAA teams• Proposed a novel solution based on Gaussian team rating that describes the skill of each team• Achieved a score that would have been ranked 3rd and won \$20,000 cash in live competition	
	Final Year Project  Aug 2016 -May 2017	
	<ul style="list-style-type: none">• Extracted insights from large-scale taxi GPS trajectory data• Devised a novel strategy to remove outliers from the data set by the use of self-organising feature maps• Propounded a modified Dijkstra's algorithm to calculate shortest paths in a time-dependent road network	
	Multidisciplinary Design Project  Jan 2016 - Apr 2016	
	<ul style="list-style-type: none">• Designed a robotic system able to autonomously explore a labyrinth with randomly scattered obstacles• Implemented an intelligent exploration algorithm based on depth-first search, fastest among all 20 teams• Created a Java GUI robot simulator, enabling prototyping robot algorithms and displaying real-time robot movement	