

HAO WU

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EDUCATION	Carnegie Mellon University Information Networking Institute Master of Science in Information Networking Selected Coursework: Introduction to Computer Systems (15-513, 2017Fall), Packet Switching and Computer Networks(18-756, 2017Fall)	Pittsburgh, PA (Expected) Aug. 2017 — May. 2019
	Shanghai Jiao Tong University University of Michigan - Shanghai Jiao Tong University Joint Institute (UM-SJTU JI) Bachelor of Engineering, Electrical and Computer Engineering	Shanghai, China Sept. 2013 — Aug. 2017
SKILLS	Programming/Scripting Languages: (Proficient) C, C++, Python; (Familiar) SQL, MATLAB Frameworks and tools: Django, Docker, Spark, Keras, Git, L ^A T _E X	
EXPERIENCE	Intel Asia-Pacific R&D Ltd. <i>Big Data Team, Software Engineering Intern</i>	Aug. 2016 — Dec. 2016
	<ul style="list-style-type: none">• Researched on open-source distributed toolkits and designed corresponding plugins (e.g., developed node management platform for ETCD system)• Built up OpenStack on cluster with Docker containers• Adopted Agile Software Development approach	
	Data & Knowledge Management Lab <i>Shanghai Jiao Tong University, Research Student</i>	Apr. 2016 — Aug. 2016
	<ul style="list-style-type: none">• Applied K-means algorithm to realize user and job clustering. Thus to built recommendation system model with given user features and predicted job postings that a user would prefer to click on	
SELECTED PROJECTS	Teaching Assistant Introduction to Cryptography, UM-SJTU JI Introduction to Operating System, UM-SJTU JI Introduction to Logic Design, UM-SJTU JI	Apr. 2017 — Aug. 2017 Sept. 2016 — Dec. 2016 May. 2016 — Aug. 2016
	Machine Learning: Think and Speak <i>Team Leader, Capstone with Siemens</i>	Apr. 2016 — Dec. 2016
	<ul style="list-style-type: none">• Developed intelligent sensor monitoring system for the manufacturing scenario at factory which could collect sensor data on database• Applied neural network models based on collected data to recognize type of component and detect exceptional situations• Reported predictions at interactive mobile client which is controlled by voice input	
	Shallow Discourse Parsing of Implicit Discourse Relations <i>Shanghai Jiao Tong University</i>	Apr. 2016 — Aug. 2016
	<ul style="list-style-type: none">• Applied Maximum Entropy Model and achieved 40.5% accuracy, same as the world best result in 2009• Introduced word embedding into CNN model and improved accuracy to 46.79%	
	32-bit Pipelined Processor Simulation <i>Team Leader, UM-SJTU JI</i>	Sept. 2015 — Dec. 2015
	<ul style="list-style-type: none">• Modelled both single-cycle and pipelined MIPS-Architecture CPU in Verilog• Implemented the pipelined CPU on FPGA board• Showed data in register files with SSDs and LEDs	
	AFL Football Matches Prediction Modeling <i>Data & Knowledge Management Lab, Shanghai Jiao Tong University</i> <i>CIKM Machine Learning Competition 2015, Final Rank (16/33)</i>	Aug. 2015 — Sept. 2015
HONORS& AWARDS	<ul style="list-style-type: none">• Selected effective features for Australian Rules Football games• Applied Logistic Regression Model to obtain prediction results• Measured the accuracy of models via cross-validation	
	Shanghai Outstanding Graduates	May. 2017
	Capstone design Silver Award of JI Design Expo	Dec. 2016
	SJTU Outstanding Undergraduate Scholarship (Top 10% in SJTU)	2014&2015&2016
	Dean's List (term GPA>3.5)	2014&2015&2016