

FRANK XING

Academic Qualifications

Ph.D. in Computer Science and Engineering Nanyang Technological University, Singapore Thesis: Textual Knowledge Integration for Financial Asset Management	2016 - 2019
B.Sc. in Information Systems / B.A. in Economics Peking University, China Thesis: Weakly Supervised Image Semantic Segmentation with Conditional Random Field	2011 - 2015

Employment History

Presidential Postdoctoral Fellow, Nanyang Technological University The only awardee in the CS / AI theme, 12 recipients selected from 894 applicants worldwide Conducting research on NLP and knowledge-based financial optimization approaches	2019 - now
Machine Learning Specialist, Continental AG Acted as a technical lead and mentored innovation projects in NLP and machine learning Involved in a conversational AI project that develops question-answering prototypes for industrial use	2018 - 2019
Research Assistant, Temasek Laboratories Developed NLP and sentiment analysis tools based on syntactic rules and knowledge base Developed financial-domain lexicons, extended the Black-Litterman model with machine learning	2016 - 2018

Awards and Honors

NTU Presidential Postdoctoral Fellowship (with grant amount 200,000 SGD)	2019
Temasek Research Scholarship (tuition fee + 80,000 SGD)	2016
Merit Undergraduate at Peking University	2013
The May Fourth Scholarship at Peking University (2,000 RMB)	2013
Wang Jin-Yun Scholarship at Wuhan No.2 Middle School (1,000 RMB)	2011

Academic Service

Journal	Social Media Marketing and Financial Forecasting, Special Issue of IPM (2020)
Guest Editor	Recommender Systems and Sentiment Analysis, Special Issue of ASoC (2020)
Journal Reviewer	Information Fusion -Outstanding Contribution Award, Knowledge-Based Systems -Outstanding Contribution Award, Artificial Intelligence Review, IEEE Computational Intelligence Magazine, etc.
Membership	INFORMS Information Systems Society (2020-2021) IEEE Computational Intelligence Society (2016-2017)