

Resume: Khoi-Nguyen Tran

CONTACT	IBM Research 60 City Road, Southbank, VIC 3006, Australia	<i>Mobile:</i> +61 424 316 544 <i>Email:</i> kndtran@gmail.com <i>WWW:</i> kndtran.com
EMPLOYMENT	IBM Research – Australia Melbourne, VIC, Australia <ul style="list-style-type: none">• Postdoctoral Researcher. Cognitive Analytics Group. 2016 – Current<ul style="list-style-type: none">– Led development of core research components on understanding PDF documents for the Watson Education business unit.– Developing an end-to-end research based classification system for detecting vandalism on Wikipedia, incorporating traditional feature engineering techniques and exploring deep learning techniques. Australian Government Melbourne, VIC, Australia <ul style="list-style-type: none">• Data Scientist. 2015 – 2016<ul style="list-style-type: none">– Led development of advanced profiling techniques in collaboration with senior data analysts.– Revised production profiling scripts for correctness and reimplementing into a new production system.– Lead writer and investigator of one of four reports into the data quality problems in the production databases. The Australian National University (ANU) Canberra, ACT 2601, Australia <ul style="list-style-type: none">• Co-founder and Research Officer. ANU Cybercrime Observatory. 2013 – 2015<ul style="list-style-type: none">– Project: <i>Tracking Cybercrime Activities in Australia</i>– Led research into detecting spam emails with malicious attachments or URLs.– Provided technical expertise on generating statistics and deep data analysis of multiple spam email data sources.– Managed data security and computer systems for research.– Significant contributions to an ethics proposal for a research project on people's susceptibility to cybercrime.• Research Officer. Research School of Computer Science. 2011<ul style="list-style-type: none">– Project: <i>Preference Elicitation for Social Recommendation</i>– Led development of a Facebook app (http://linkr.anu.edu.au) to collect user data for research into collaborative filtering for recommendation tasks.	
EDUCATION	The Australian National University (ANU) Canberra, ACT 2601, Australia <ul style="list-style-type: none">• Ph.D. in Engineering and Computer Science. 2015<ul style="list-style-type: none">– Area of Study: Machine learning and its applications– Thesis Title: <i>Detecting Vandalism on Wikipedia across Multiple Languages</i>• Bachelor of Computer Science, with First Class Honours. 2009	
REFERENCES	Available on request.	