

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. A core component was recognised as research division led expertise on development.– 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 Federal Government Melbourne, VIC, Australia <ul style="list-style-type: none">• Data Scientist. Research and Development Team. 2015 – 2016<ul style="list-style-type: none">– Led development of advanced profiling techniques in collaboration with senior data analysts and database administrators.– Revised production profiling scripts for correctness and reimplementation into a new production system.– Lead writer and investigator of one of four reports into the data quality issues in production databases. The Australian National University (ANU) Canberra, ACT, Australia <ul style="list-style-type: none">• Co-founder and Research Assistant. 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 Assistant. 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, Australia <ul style="list-style-type: none">• Ph.D. in 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.	