

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 research components on understanding text in PDF documents for chunking and learning objective generation.<ul style="list-style-type: none">* Delivered 3 web based apps/demos in the IBM Cloud to the client and software teams, for use by the sales team, data science team, and SME team.* Delivered and maintained Java and Python software packages for the software engineering team's integration into the production system.* Research team was recognised as providing leading expertise on development.* 1 research publication under review.– Exploring machine/deep learning applications for the Education Library, focusing on document classification and alignment of text content to learning standards.<ul style="list-style-type: none">* Delivered 2 Java software packages that wrapped past research code for a production level system with parallelism and simplified execution.* Developing one Python web service using supervised learning to improve the search in the unsupervised learning algorithm. Australian Federal Government Melbourne, VIC, Australia <ul style="list-style-type: none">• Data Scientist. Research and Development Team. 2015 – 2016 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">– Led research into detecting spam emails with malicious attachments or URLs.– First author full paper publication in AusDM (2013).• Research Assistant. Research School of Computer Science. 2011<ul style="list-style-type: none">– Led development of a Facebook app (http://linkr.anu.edu.au) to collect user data for research into collaborative filtering for recommendation tasks.– Co-authored full paper publication in WWW (2012).	
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>– First author full paper publications in TKDE (2015), PAKDD (2013, 2015 - Best Student Paper), CIKM (2013 - Poster and Demo), and AusDM (2013).• Bachelor of Computer Science, with First Class Honours. 2009	
REFERENCES	Available on request.	