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| knt Objective To develop and apply my research skills in industry by creating innovative solutions for business problems with real-world impact. Skills Applying research to business problems  Delivering demos  Front-end and back-end web programming  Communicating complex ideas to diverse audiences  Data science  Machine learning  Text mining  Natural Language Processing  Knowledge Discovery and Data Mining I have used IBM Cloud (Bluemix)  GitHub, ZenHub  Java, Python, R, MySQL  HTML, JavaScript, JQuery, Flask  Scikit-learn, Tensorflow  LaTeX, Overleaf  CrowdFlower  Docker, Kubernetes  NLTK | |  | | --- | | KHOI-NGUYEN TranPostDoctoral Researcher | khNDtran@au1.ibm.com |  ExperiencePostdoctoral Researcher • IBM Research • Since 2016 Developed novel research approaches for document chunking and learning objective generation. Currently exploring machine learning approaches for the Education Library to improve alignment of content to learning standards. Publications under review. Data Scientist • Australian Federal Government • 2015 - 2016 Worked on sensitive and classified projects. Research Assistant • Australian National University • 2011 - 2015 Developed novel methods of detecting abnormal text values in large text databases without external resources. Publication in JDIQ.  Co-founded the ANU Cybercrime Observatory. Research into detecting malicious spam emails. Publication in AusDM.  Developed a Facebook app to collect user data for research into collaborative filtering for recommendation. Publication in WWW. EducationPh.D. Computer Science • 2015 • Australian National University Developed novel machine learning features and methodologies to detect vandalism across five languages on Wikipedia based on metadata and text data. Publications in TKDE, PAKDD, CIKM, AusDM, and JDIQ. B. Computer Science • 2009 • Australian National University First Class Honours. Taught computer science and data science courses and completed research projects on sensor ontology and data science. Volunteer Experience or Leadership President (2011-2012) and volunteer (2007-2010) for the ANU Computer Science Students’ Association.  Delegate for the inaugural Australian Vietnamese Young Leadership Dialogue (2017). |