Resume: Khoi-Nguyen Tran

CONTACT

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EMPLOYMENT

IBM Research – Australia
Melbourne, VIC, Australia

- Postdoctoral Researcher. Full-time. Cognitive Analytics Team. 2016 – Current
  - Applying research methods and developing software for Watson Education.
  - Developing research techniques and applications in the fields of text mining, progressing to natural language processing and deep learning.

Australian Government
Melbourne, VIC, Australia

- Data Scientist. Full-time. Research Team. 2015 – 2016
  - Developed various data extraction software based on agile principles. Primarily focused on bridging the gap between the DBMS and analysts from within my team and other teams.
  - Investigated, applied, and developed generalisable research techniques on text mining, natural language processing, and data quality.

The Australian National University (ANU)
Canberra, ACT 2601, Australia

- Research Officer. Casual. ANU Cybercrime Observatory. 2013 – 2015
  - Project: *Tracking Cybercrime Activities in Australia*
  - Led research into detecting spam emails with malicious attachments or URLs.

- Research Officer. Full-time. Research School of Computer Science. 2011
  - Project: *Preference Elicitation for Social Recommendation*
  - Led development of Facebook app (http://linkr.anu.edu.au) to collect user data for research on collaborative filtering for recommendation.

EDUCATION

The Australian National University (ANU)
Canberra, ACT 2601, Australia

- Ph.D. in Engineering and Computer Science, 2015
  - Area of Study: Machine learning and its applications
  - Thesis Title: *Detecting Vandalism on Wikipedia across Multiple Languages*
  - Full paper publications in TKDE (2015), PAKDD (2013, 2015 - Best Student Paper), CIKM (2013 - Poster and Demo), and AusDM (2013).
  - Developed novel vandalism detection methods based on metadata and text data.
  - Demonstrated effective reuse of machine learning models across multiple languages.
- Bachelor of Computer Science, with First Class Honours, 2009, GPA: 6.75/7.

REFERENCES

Available on request.