Resume: Khoi-Nguyen Tran

CONTACT

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EMPLOYMENT

Australian Government
Melbourne, VIC, Australia

- Data Miner. Full-time. 2015 – Current
  - Responsibilities available on request.

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.
  - Developed novel detection technique for malicious content based on email content.
  - Applied technique and other analyses to over 13 million spam emails, consisting of over 1 million attachments and over 21 million URLs.
  - Full paper publication in AusDM (2013).

- 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.
  - Recruited and supported over 200 participants in a 5 month user study.
  - Collected usage data from over 37,000 Facebook users.
  - Presented research publication at the 2012 WWW conference.

PROGRAMMING

Languages:
- Experienced: R, Python, SQL, UNIX shell scripting
- Familiar: Javascript, PHP, Haskell, Java, C, MATLAB

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.