Adham Beykikhoshk

10 Dartmoor Drive
Highton
VIC 3216

Phone: (+61) 470 756 284
Email: adhambeyki@gmail.com

Education

2013-pres **Ph.D. Candidate** in Statistical Machine Learning, Deakin University, Australia
2011-2012 **M.Sc.** in Artificial Intelligence, University of Southampton, UK
2002-2007 **B.Sc.** in Electrical Engineering, KNToosi, Iran

Publications

2016 Beykikhoshk, Adham Phung, D., Arandjelović, O., and Venkatesh, S. (2016). Analysing the history of autism spectrum disorder using topic models. In *Data Science and Advanced Analytics (DSAA), 2016. IEEE International Conference on*. IEEE

2015 Beykikhoshk, A., Arandjelovic, O., Phung, D., and Venkatesh, S. (2015a). Discovering topic structures of a temporally evolving document corpus. *arXiv preprint arXiv:1512.08008*

Beykikhoshk, A., Arandjelović, O., Phung, D., and Venkatesh, S. (2015b). Overcoming data scarcity of twitter: using tweets as bootstrap with application to autism-related topic content analysis. In *2015 IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining (ASONAM)*, pages 1354–1361. IEEE

Beykikhoshk, A., Arandjelović, O., Phung, D., Venkatesh, S., and Caelli, T. (2015c). Using twitter to learn about the autism community. *Social Network Analysis and Mining*, 5(1):1–17

Beykikhoshk, A., Arandjelović, O., Venkatesh, S., and Phung, D. (2015d). Hierarchical dirichlet process for tracking complex topical structure evolution and its application to autism research literature. In *Pacific-Asia Conference on Knowledge Discovery and Data Mining*, pages 550–562. Springer International Publishing

2014 Ghofrani, Z., Nepal, K., and Beykikhoshk, A. (2014b). Monitoring protected areas using remote sensing technology. In *ICTRS 2015: The 3rd International Conference on Telecommunications and Remote Sensing*, pages 107–113. SciTePress

Beykikhoshk, A., Arandjelović, O., Phung, D., Venkatesh, S., and Caelli, T. (2014). Data-mining twitter and the autism spectrum disorder: a pilot study. In *Advances in Social Networks Analysis and Mining (ASONAM), 2014 IEEE/ACM International Conference on*, pages 349–356. IEEE

Ghofrani, Z., Mokhtarzade, M., Sahebi, M. R., and Beykikhoshk, A. (2014a). Evaluating coverage changes in national parks using a hybrid change detection algorithm and remote sensing. *Journal of Applied Remote Sensing*, 8(1):083646–083646

Teaching

2016: **An Intorduction to Git** and how to use Git in research projects in Pattern Recognition and Data Analytics centre, Deakin university

2015: **Introduction to Python** for first year Computer Science students in Deakin University

2015: **An Introduction to Data Science** module SIT112 for first year Computer Science students. It was the first time the module was offered. The material that I created for the course, is still being used by other lecturers

Last updated: July 20, 2016