

Neil Seward

Contact Information

Ontario, Canada

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Research Interests

devops, sports analytics, machine learning, deep learning,
big data management, open source intelligence

Education

University of Ontario, Institute of Technology

Department of Electrical and Computer Engineering September 2016 - September 2018

MASc Student, Advisor: Masoud Makrehchi

Department of Electrical, Computer, and Software Engineering September 2012 - June 2016

BEng Student

Publications

Basketball Lineup Performance Prediction using Network Analysis. Mahboubeh Ahmadelinezhad, Masoud Makrehchi, Neil Seward. In *IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining*, Vancouver, British Columbia, Canada, 2019 (**conference**).

Building an On-Ball Screen Dataset Using Supervised and Unsupervised Learning. Neil Seward. In *University of Ontario Institute of Technology*, Oshawa, Ontario, Canada, 2018 (**thesis**).

Predicting Shot Success Using Real Estate. Neil Seward. In *Proceedings of New England Symposium on Statistics in Sports (NESSIS)*, Boston, Massachusetts, USA, 2017 (**poster**).

Teaching

University of Ontario, Institute of Technology

Teaching Assistant

SOFE3700: Database Management Systems, Fall 2016, 2017.

SOFE4620: Machine Learning and Data Mining, Winter 2018.

SOFE3950: Operating Systems, Winter 2018.

Working Experience

Elasticpath Toronto, ON *Cloud Infrastructure Developer* September 2019 – Current
Developed tools, maintained, and assisted support in the Cloudops for Kubernetes product.

Scotiabank Toronto, ON *Manager, Reporting & Analytics* October 2018 – September 2019
Developed reporting tools for Anti-Money Laundering and Anti-Terror Financing Unit at bank.

360Insights Whitby, ON *Software Developer* May 2016 – August 2016

Developed Node.js and C# workflow applications for DataFeed team.

360Insights Whitby, ON *Application Support* May 2015 – August 2015

Responded to bug reports and coordinated fix with corresponding teams.

CIBC Toronto, ON *Software Developer* May 2014 – August 2014
Developed fix to large client software from penetration test.

Telegraph Mississauga, ON *Software Developer* June 2013 – August 2013
Customized software for large utility company clients.

Honors and Awards

- UOIT Electrical and Software Engineering Capstone Design Competition, 1st Place (with Robert Cole, Henry Julian, and Kevin Ho), 2016.
- Ontario Engineering Programming Competition, 2nd Place (with Robert Cole, Patrick Smuk, and Kevin Ho), 2015.

Open Source Software

GitHub: <https://github.com/sealneaward/>