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 Ahmadalinezhad, 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**).

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 Senior Cloud Infrastructure Developer September 2019 – Current

Designed, developed, and supported the last six major releases of the CloudOps for Kuberenetes 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

 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/