

## Neil Seward

### Contact Information

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Oshawa, Ontario, Canada  
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Website: <http://sealneaward.github.io/>

### Research Interests

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  
BAsc Student

### Publications

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

<b>Scotiabank</b>	Toronto, ON	<i>Manager, Reporting &amp; Analytics</i>	October 2018 – present
Developed reporting tools for Anti-Money Laundering and Anti-Terror Financing Unit at bank.			
<b>360Insights</b>	Whitby, ON	<i>Software Developer</i>	May 2016 – August 2016
Developed Node.js and C# workflow applications for DataFeed team.			
<b>360Insights</b>	Whitby, ON	<i>Application Support</i>	May 2015 – August 2015
Responded to bug reports and coordinated fix with corresponding teams.			

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

May 2014 – August 2014

**Telegraph**                      Mississauga, ON                      *Software Developer*  
Customized software for large utility company clients.

June 2013 – August 2013

#### Honors and Awards

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

#### Open Source Software

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