

Christopher G. Leung.

✉ christopherleung@hotmail.ca

🌐 <http://christopherleung.ca/>

Employment History

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| 2019 – PRESENT | 📌 Okta, Toronto Software Engineer (Machine Learning)
Invented and deployed machine learning models to detect and prevent user account takeover and large-scale cyberattacks. |
| FALL 2018 | 📌 Google, Mountain View Software Engineer Internship
Improved existing machine learning models to better detect malicious advertisers in Google Search Ads. |
| SUMMER 2018 | 📌 Okta, Toronto Software Engineer Internship
Discovered a model that can identify users through typing habits with an accuracy of over 94% to detect identity theft. |
| FALL 2016 – SPRING 2017 | 📌 IBM, Markham Software Developer Co-op
Implemented a mutex-like API to handle concurrent file access requests between multiple servers. |
| SPRING 2015 | 📌 TGG, Toronto Associate Consultant Co-op |

Education

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| 2020 – Present | 📌 M.Sc. in Computer Science, Georgia Tech with Machine Learning specialization |
| 2013 – 2019 | 📌 (Hons) B. Computer Science, University of Waterloo |

Research Interests

Deep (Multi-Agent) Reinforcement Learning, Natural Language Processing, Emergent Communication, Theory of Mind

Research Projects

- 1 Hyun, K., & Leung, C. (2021). Test-cost sensitive methods for identifying nearby points [Submitted to AAAI 2021].
- 2 Leung, C. (2020). Pragmatic learning via listener-reasoned utterance augmentation [Submitted to EMNLP 2020].

Skills

Languages	Python, Java, C++, Scala, C, R, Shell Script, SQL, VBA
Frameworks	PyTorch, Tensorflow, Keras, scikit-learn, Storm, FlumeJava, Hadoop, Spark

Miscellaneous Experience

Certifications

In Progress **Artificial Intelligence Professional Certificate.** Stanford University.

Miscellaneous Experience (continued)

Conferences Attended

2019 Thirty-Third Conference on Neural Information Processing Systems

Memberships

2018-2019 **University of Waterloo Data Science Club** Vice President.

Presentations

2019 Visiting speaker for **Data Science in Identity and Authentication** talk by Okta at the University of Waterloo.

2018 **Introduction to Neural Networks** workshop hosted by UW Data Science Club.

References

Available on Request