

Christopher G. Leung.

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Employment History

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

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, Multi-model/Grounded Agents, Lifelong Learning

Research Projects

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

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