

Nicolas Primeau

CONTACT

E-mail: nicolas.primeau@gmail.com

Website: <https://www.linkedin.com/in/nicolas-primeau-1857a665/>

Phone: 613-915-7187

WORK EXPERIENCE

Reverso

September 2018 — Present

Lead Machine Learning Engineer

- Create translation models based on deep learning for production
- Designed and developed an automated architecture for end-to-end model training and deployment
- Identify, prioritize, and delegate tasks in order to successfully deliver on deadlines
- Prototype solutions for ambiguous NLP solutions and productize them

Amazon

October 2017 — September 2018

Software Development Engineer

- Part of the Alexa Communications team
- Contributed to a 75% reduction in team operational expenses by optimizing system resource utilization
- Identified and solved long standing problems including memory leaks and monitoring concurrency

Amazon

May 2015 — August 2015

Software Development Engineer Intern

- Designed and developed data a stream processing system to identify non-compliance of shipping times and apply rule-based fines
- Project directly generated over \$1,000,000 in monthly revenue

University of Ottawa

September 2015 — August 2017

Teaching Assistant

- For Computer Architecture I, Computer Systems Design, Real-time Systems Design, Operating Systems, and Software Quality Assurance

EDUCATION

M.A.Sc. in Computer Engineering

Septembre 2015 — October 2017

University of Ottawa

- Thesis on Risk-Aware Decision Support for Critical Infrastructure Protection using Multi-Objective Optimization
- 1 Journal Publication on Computational Intelligence, 3 Conference Publications, and 1 Conference Abstract

BASc in Computer Engineering

September 2011 — April 2015

University of Ottawa

PROJECTS AND COMPETITIONS

- Scruffy: Successfully beat 2048 with computational intelligence.
- Matsuo: Haiku generation based on image recognition, natural language processing, and genetic algorithms

SKILLS

- Proficient with Python, Java and associated frameworks
- Experience in Docker, Kubernetes, MongoDB
- Extensive use and knowledge of Amazon AWS services