

Thomas Rohée

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About

Interested in creating novel and useful tools based on machine learning research, I leverage my expertise in machine learning and development to help bridge the gap between research and application.

Experience

AI Developer at Logibec

October 2017 – Today

- Development of a machine learning model in order to predict the risk of patients being readmitted after their discharge at the hospital.
- Responsible for the development of the machine learning pipeline of the application associated with the readmission model
- Coordination of collaboration between the company, clients and academic researchers in order to get public funding for new machine learning project relevant for healthcare organisations
- Supervision of machine learning interns who were responsible for analysing data and developing new models relevant for the clients

Machine learning specialist at Datacratic/iPerceptions

Juin 2015 – September 2017

- Responsible for online real-time bidding advertising campaign performance made through Datacratic RTB-Opt product. Making sure campaign managers get the best ROI possible by monitoring machine learning models performance on key metrics (Click-Through Rate, Cost Per Click, Cost Per Acquisition).
- Continuously improving the campaign optimization in order to fill campaign managers needs: enable optimization on small campaigns. Improve the system C++ and Python technology stack in order to support new use cases and improve every day operations.
- Development of a machine learning pipeline in Golang using Amazon AWS machine learning and Kubernetes to drive the new audience recognition technology.

Machine learning Intern at Datacratic

September 2014 – January 2015

- Research and development on application of neural networks for online real-time bidding advertising problems. Namely, predict accurately the probability of click by the user given an ad impression.

Research assistant at MILA, University of Montreal
September 2013 – September 2014

- Help develop a Python tool to ease comparisons between machine learning models and enable research for new models for the facial landmarks recognition task.
- Contributions to Pylearn2, a MILA library to ease machine learning model training workflow, in the form of refactoring the codebase and improve logging.

Education

Online courses

- Functional Programming Principles in Scala (Coursera)
- Principles of Reactive Programming (Coursera)
- Machine Learning Engineer Nanodegree Program (Udacity)

Université de Montréal – Master of computer science
2013- 2015

Courses:

- Foundation of machine learning
- Machine learning algorithms
- Quantum information science
- Semantic of programming languages

SUPINFO International University – Bachelor of Science with Honours
2009 - 2013
Computer Science and Information System.