

Théo Verhelst - Résumé



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Nationality Belgian

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Projects github.com/TheoVerhelst

Summary

Student in artificial intelligence and machine learning, autonomous and always seeking to know more. Strong experience of programming and team work. Interested in various computer science fields, such as machine learning, information theory, statistics, and causal analysis.

Education

2018 - 2019
2nd year of Master in Computer Science at Université Libre de Bruxelles
Master thesis: *Churn Prediction and Causal Analysis on Telecom Customer Data*, in collaboration with Orange Belgium.
Average mark: 18.2 / 20, with Grande distinction

2017 - 2018
1st year of Master in Artificial Intelligence at Southampton University, Erasmus Programme
Average mark: 16.4 / 20

2014 - 2017
Bachelor in Computer Science at Université Libre de Bruxelles
Bachelor thesis: *Pitch Shifting of Music Signals*
Average mark: 15.65 / 20, with Grande distinction

Employment History

2019-2020
Researcher at Machine Learning Group (ULB)
Research topic: transfer learning for fraud detection

2018
Back-end programmer at Open Summer of Code 2018
project: 2018.summerofcode.be/openparking,
website: www.openparking.nl,

2016 - 2018
Student job at Observatoire royal de Belgique

Languages

French First language
English Fluent
Dutch Basic knowledge

Skills

Machine Learning
Supervised/unsupervised learning, feature selection, model evaluation, churn prediction, causal analysis, clustering, deep learning

Programming
Java, C++, C, Python, R, Bash, Clojure, Matlab

Web Development
HTML5, CSS3 (SASS), JavaScript (Jquery), SQL, PHP, Bootstrap, Django

Others
Agile development, GNU/Linux, assembly language, \LaTeX