Grégoire Clément

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Current position

Master student in Data Science
Working on Semantic Segmentation using Deep Learning
Swiss Data Science Center
EPFL, Switzerland

Education

2017 - current	MSc in Data Science, EPFL, Switzerland
2014 - 2017	BASc in Communication Systems, EPFL, Switzerland
2009 - 2013	High School (in both French and German), Payerne, Switzerland

Areas of specialization

Data Science · Optimization · Software Engineering · Statistics · Decentralized Systems
Machine Learning · Deep Learning · Artificial Neural Networks · Block Chain

Projects and Research

2019	Ingredients-2-Vec (Python) Finding ingredient substitutes for any recipes using a similar approach as Word2Vec
2019	Pickup and Delivery Problem (Java) Analyzing approaches (reactive, deliberative, centralized) to solve vehicle routing problems
2018	Robust-Planner.com (Python) Journey planner with certainty estimation on real Swiss Federal Railways data
2018	GraphLang (Python) Spectral graph analysis to classify articles with soft clustering
2018	Distributed Stochastic Gradient Descent (Scala) Distributed version of Hogwild! on a Support Vector Machine problem
2017	Road Segmentation Challenge (Python) Image Segmentation using U-Net, competition among EPFL students [ranked 3rd]
2017	A World through the News (Python) Data analysis from raw data to news articles bias analysis [ada.gregunz.io]

Work Experience

2014 - 2019	Founder - Web Developer, Pragmasite.ch Creating websites for small to medium companies
2014 -16 -18	Events Hosting and Entertaining, Gruyère Marketing During European Athletics Championships in Zürich, Amsterdam and Berlin
2012 - 2018	Seller, La Ferme Cesar Selling bread at the marketplace of Lausanne

Skills

Languages   Python, Scala, Golang, Java, JavaScript, C
Libraries   PyTorch, Keras, Scikit-Learn, Pandas, Numpy, Spark

Awards

2018   Winner of LauzHack using Machine Learning to detect fraudulent bank accounts (hackathon)
2017   Winner of LauzHack using Computer Vision to detect supply chains defects (hackathon)

Conference and Workshops

2019   Applied Machine Learning Days, Lausanne, January 26-29 [appliedmldays.org]

Languages

French   Native
English   C1 - Cambridge Advanced English certificate
German   B2

Hobbies

Rock Climbing • Bouldering • Running • Hockey
Programming • Board Games • Playing Cards • Cinema

Links of projects and awards

Github   github.com/gregunz
Kaggle   kaggle.com/gregunz
DevPost   devpost.com/gregunz

References available on request