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Arnaud Paul Wald

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Machine Learning Engineer @ Scaleway

Professional Experience

June 2018 – Present **Machine Learning Engineer**, *Scaleway*, Paris, France.
Set up tools to help customers use Scaleway platform for "Machine Learning as a service"
Internal R&D project: customer fraud detection

Nov. 2017 – Apr. 2018 **Data Analyst**, *BearingPoint*, Paris, France.
Data & Analytics Team – Strategy consulting on data problems, including project definition and agile project management

Academic Experience

Mar. 2017 – Sept. 2017 **Master's thesis**, *JTEKT Corporation*, Nagoya, Japan.
Machine Learning solution for detecting machine-tool cutting failure from analyzing sound data

Aug. 2016 – Dec. 2016 **R&D Internship**, *eSMART Technologies*, Lausanne, Switzerland.
Build a test bench to optimize the testing process for out-of-the-factory eSMART modules

June 2015 – Aug. 2015 **Data Mining Intern**, *MétaCoaching*, Paris, France.
Data-driven behavioral study of ThéraSomnia website users

Education

2015 – 2017 **MSc. in Microengineering**, *EPFL*, Lausanne, Switzerland.
Robotics, Mecatronics, Automation, Autonomous Systems, Machine Learning, Deep Learning

2013 – 2017 **Master in Engineering**, *Centrale-Supélec*, Gif-sur-Yvette, France.
Computer Science, Electronics, Energy, Communication Systems, Signal Processing

2011 – 2013 **Classes Préparatoires aux Grandes Écoles**, *Lycée Saint Louis*, Paris, France.
Two-year undergraduate intensive course in mathematics and physics to prepare for nationwide competitive examination

Skills

Programming

Frameworks Python (scikit-learn, Theano/Keras, PyTorch), Matlab, Simulink, Java, C, Raspberry Pi, ROS
Web/Cloud Docker, Kubernetes, HTML, CSS, JavaScript, MySQL, PHP
Tools Linux, Git, SVN

Languages

French Native
English Fluent
Japanese Intermediate

Miscellaneous

Interests Traveling, fitness, photography (🅶 DuanraDlaw), board games, model-making