Médéric Hurier

Full Stack Data Scientist

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Work Experience

2019 – today   **Research and development specialist**, University of Luxembourg, Luxembourg.
Management and development of Natural Language Understanding (NLU) projects for BGL BNP Paribas.

2015 – 2019   **Doctoral researcher**, University of Luxembourg, Luxembourg.
- Research activities focused on Android security and artificial intelligence
- Teaching big data, machine learning and Android programming to students
- Collaboration with Google, San Francisco on finding malicious Android artifacts

2018 – 2019   **Mentor for aspiring data scientist**, *freelance*, OpenClassrooms.
Tutoring adult students to become data scientist specialized in machine learning.

2014 – 2015   **Security engineer specialized in log management and analysis**, Clearstream, Luxembourg.
Selection and deployment of a SIEM solution, participating in security incident response.

2011 – 2013   **Web developer and administrator**, *freelance*.
Various contracts ranging from web development to software maintenance and debugging.

2010 – 2011   **Web programmer**, *startup*, Empreinte Studio, Épernay (France).
Creation of modern website in PHP and MySQL with professional writers and graphic designers.

2009 – 2010   **Software developer**, *apprenticeship*, Geovariances, Avon (France).
Development of a geostatistic application in C++ and Qt with experienced software engineers.

Certifications

2018   **Advanced AI: Deep Reinforcement Learning in Python**, *Udemy*, Lazy Programmer Inc.

2018   **Artificial Intelligence: Reinforcement Learning in Python**, *Udemy*, Lazy Programmer Inc.

2018   **Complete Guide to ElasticSearch**, *Udemy*, Coding Explained.

2017   **Introduction to Hadoop**, *edX*, Linux Foundation.

2017   **Artificial Intelligence Nanodegree**, *Udacity*, Google and Georgia Tech.

2015   **Machine Learning**, *Coursera*, Standford University, Grade: 97%.

2014   **TOEIC**, *listening and reading*, Score: 975/990.

Education

2015 – 2019   **Doctor's degree**, *Android security and machine learning*, University of Luxembourg.

2013 – 2014   **Master's degree**, *computer and information systems security*, UFR MIM, Metz.

2011 – 2013   **Bachelor and master years**, *computer science applied to business informatics*, UFR MI, Nancy.

2009 – 2010   **Professional bachelor's degree**, *computer security and databases*, IUT Sénart-Fontainebleau.

2008 – 2009   **Professional bachelor's degree**, *web development and integration*, IUT Nancy-Charlemagne.

2006 – 2008   **Technical degree**, *network and software development*, Lycée François 1er, Vitry-le-François.

2003 – 2006   **Baccalauréat général degree**, *science, specialized in biology*, Lycée Marc Chagall, Reims.

Skills

Data Science	Pandas, Scikit-learn, Matplotlib, Keras, Tensorflow, Spark, Hadoop, Papermill, Jupyter, Plotly
Programming	Python, JavaScript, Java, Groovy, Clojure, PHP, Ruby, C++, Android, Flask, Dash, UML, Qt
Databases	ElasticSearch, PostgreSQL, MongoDB, Datomic, CouchDB, RabbitMQ, Oracle, MySQL, Redis
Security	ISO 27001, Threat intelligence, Sourcefire, VirusTotal, ArcSight, Risk Analysis, Cryptography
Tools	Linux, Vim, Git, LaTex, Ansible, Celery, Docker, Tmux, PlantUML, Sphinx, Microsoft Office
Languages	French (native), English (excellent), German (notion), Spanish (notion)
Affinities	innovation, automation, open source, command line tools, artificial intelligence
Hobbies	science, economy, technology, learning, teaching, futurology, programming, footing