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car with clean driving licence



Work Experience

- 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*, Stanford University, Grade: 97%.
- 2014 **TOEIC**, *listening and reading*, Score: 975/990.

Education

- 2015 – 2019 **Doctor's degree**, *Android and machine learning*, University of Luxembourg.
Thesis title: Creating better ground truth to further understand Android malware
- 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, Visual Studio Code, Microsoft Office
- Languages French (native), English (excellent), German (notion), Spanish (notion)
- Affinities innovation, automation, open source, virtual assistant, artificial intelligence, Linux
- Hobbies science, economy, technology, learning, teaching, programming, metal music, fiction, footing