




Baptiste LARTIGAU

Software Engineer

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EXPERIENCE

- Sep. 2019 – Today* **Software engineer** at **SII** – Toulouse, France
Contractor work at **THALES ALENIA SPACE** for the SpaceOps project
- Development on large **Java** codebases to add new features
 - **Tech lead** role in one of the project's development squads
 - DevOps work to improve and optimize the building and deployment pipelines
- Oct. 2018 – May 2019* **Machine Learning engineer** at **COLLINS AEROSPACE** – Toulouse, France
- Implementation of the HDP-HMM bayesian model in **Python / NumPy**
 - Design of a complete log anomaly detection framework for A350 IMO logs
- July – Oct. 2018* **AWS cloud security engineer** at **AIRBUS** – Toulouse, France
- Applying the **AWS Well Architected Framework** to Airbus' infrastructures
 - Defining company-wide security rules and standards for AWS services
- Apr. – July 2017* **Software engineer** at **AIRBUS DEFENCE AND SPACE** – Toulouse, France
Creation of a visualization tool for DynaWorks database models
- Complete implementation in **C++ / Qt** based on existing DynaWorks APIs
 - Performance optimization and reliability validation
- May – Aug. 2015* **Systems Programmer Analyst** at **INFOMIL (E. Leclerc)** – Toulouse, France
- Optimizing and adding features to a backup script in **Perl** for network devices
 - Design and implementation of a **MySQL** database for backup management
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EDUCATION

- 2017 – 2018* **KTH - Royal Institute of Technology** – Stockholm, Sweden
Master's degree in software engineering
- Large-scale software development
 - Software safety, security and reliability
 - Artificial Intelligence and Machine Learning
- 2015 – 2017* **Grenoble INP – ENSIMAG** – Grenoble, France
Top-tier engineering school specialized in mathematics and computer science
Master's degree in IT systems engineering
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COMPUTER SKILLS

Languages: Rust, Java, C++ and Qt, Haskell, Clojure, SQL (Postgre, Oracle), C, Python, ...
Development tools & DevOps: Git, vim, Maven, Jenkins, Ansible, Artifactory, ...
OS: Linux (Red Hat / CentOS, Debian, Arch), MS Windows

LANGUAGES

French: Mother tongue
English: **TOEIC C1** – Professional, high level of written proficiency
Swedish & Spanish: **B1 - B2** – Intermediate level