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EXPERIENCE

AFLOKKAT - AJACCIO, *Professor Researcher - CDI*

Sep 2025 - Now



- Teaching informatics and artificial intelligence in the MIRA and ESIA schools of the Aflokkat institute.
- Research activities in collaboration with the laboratory of the ESTIA school. My research interests are at the crossroads of artificial intelligence, IoT, Robotics and power systems.

INRIA - PARIS, *Research Engineer - Permanent - ARAMIS team*

Feb 2022 - Jul 2025



- Designed machine learning and computer vision algorithms for solving neuroimaging problems.
- Led the development of open source projects such as Clinica, ClinicaDL, or Leaspy.
- Hired, trained, and supervised the engineers of the ARAMIS team.
- Built and enforced best DevOps practices in the team, increasing the team productivity.
- Conducted several technical training towards engineers, researchers, or students of the team.

INRIA - SACLAY, *Research Engineer - Fixed term - PARIETAL team*

Nov 2020 - Jan 2022



- Developed and maintained open source projects such as Nilearn.



LIP6, *Postdoc Researcher - Fixed term - Complex Networks team*

Dec 2018 - Oct 2020

- Designed anomaly detection algorithms for large streams of interactions.
- Successful integration in production for industrial partners.



NREL, *Postdoc Researcher - Fixed term - Power System Design and Studies group*

Mar 2017 - Nov 2018

- Designed stochastic optimization methods for power system engineering.
- Developed multiple open source tools for power system engineering.

EDUCATION



PHD. - COMPUTER SCIENCE

Oct 2013 - Oct 2016

Telecom SudParis - SAMOVAR UMR 5157



ENGINEER DEGREE - TELECOMMUNICATION

Sep 2009 - Sep 2012

Telecom SudParis

SKILLS

- **Languages:** French (native), english (professional), German (conversational)
- **Programing Languages:** Python, Bash, C/C++, Rust, Julia, JavaScript, PHP, HTML/CSS
- **DevOps Tools:** Git, DVC, Docker, Jenkins, Kubernetes, Terraform
- **Databases:** MySQL, PostgreSQL, MongoDB, Redis
- **Software Development:** Design Patterns, OOP, Agile Methodologies, TDD, CI / CD, RESTful API, Microservices
- **Soft skills:** Project Management, User Requirements Analysis, Technical Specifications Writing, Communication, Problem-solving, Creativity, Accountability, Open-mindedness, Adaptability, Teamwork spirit, Patience, Humility

OTHER

- **Contributions to open source:** See my Github and GitLab profiles.
- **Publications:** See list on my website.
- **Certifications:** Authorized access to the Système National des Données de Santé (SNDS).