

# SIMON NAYRAL

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## EDUCATION

**École Centrale de Lyon | GPA : 3.66/4**

M.S. in Engineering, Mathematics & Physics

**Lyon, France**

**Sep 2018 – Sep 2021: 3 years**

- Operational Excellence, Analytic Mathematics, Computer Science, Finance, Optimization

## PROFESSIONAL EXPERIENCES (Training Period)

**Michelin**

Logistics studies on a major tires production site

**Karlsruhe, Germany**

**March 2021 – July 2021: 5 months**

- Optimization of the forecast and automatization of the operations

**Total (Energy Company)**

Data Analyst

**Pau, France**

**June 2020 – August 2020: 3 months**

- Data analysis with Power BI (coding new Data with DAX) and transformation of a Data Base on Power Query (M-Script)
- Creation of a Data Base for Oil Integrated Studies (with Sharepoint List)
- Creation of a customized multi-screen form on Power Apps

**Safran Helicopter Engines**

Research & Development

**Bordes, France**

**July 2019: 1 month**

- Worked in a team of workers and engineers in the field of R&D, relative to experiments and components of helicopter turbines

## ACADEMIC PROJECTS

**Adamantia**

Finance

**Lyon, France**

**Sept 2019 – May 2020: 9 months**

- Work on AI algorithms to protect banks from financial risks
- Benchmark about the use of Big Data and AI in the management of financial risks

**Junior-Entreprise of Centrale Lyon**

Quality Manager of a consulting association

**Lyon, France**

**Jan 2019 – Jan 2020: 1 year**

- Monitoring and management of nine market researchers
- Role of mediator between the customer and the client

**Superlab**

Engineering

**Lyon, France**

**Sept 2018 – June 2019: 10 months**

- Carried out a T-Shirt to detect MSDs (Musculoskeletal Disorders)
- Prototype detecting movements that will be analyzed by health professionals

## SKILLS

**Software:** Python, Matlab, R, SQL, PowerBI (DAX, M-Script)

**Language:** French (native), English (fluent), German (Average)

**Sports:** Competitive chess player (top elo: 1713 and 1980 in rapid chess), Water-Polo (Centrale Lyon competitive team), judo (brown belt) and skiing

**Interests:** Travelling (more than 20 countries) and mountain hiking