

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

Supply-chain studies on a major tires production plant

Karlsruhe, Germany

March 2021 – July 2021: 5 months

- Forecast optimization and operations automatization

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