

SEYDOU COULIBALY

Python Software Engineer

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Clermont-Ferrand, France

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STRENGTHS

Python

Git

Pandas

SQL

Linux terminal

Numpy

C++

Latex

Docker

Agile methodology

Tests

Debugger

CI/CD

Curious

Motivated

Fast learner

Autonomous

Modelisation

LEARNING

Arabe

Data science

Devops methodology

LANGUAGES

Bambara: **Native**

English: **Proficient**

French: **Mastery**

REFERENCES

François Treyve - Dexade

Bernardetta ADDIS - Loria

Inga Girardin - Sayens

Sébastien LANNEZ - Fico

ABOUT ME

Craftsman of modern times, I develop applications in various environments. Through my degree in operations research and professional experiences, I have a good understanding of algorithms, their efficiencies and the ability to modelize or solve real decisions problems. I have interest for data science and devops methodology.

EXPERIENCE

Python Software Engineer | Dexade

10 2021 – In progress

Clermont-Ferrand, France

- Consultant for the tire physics simulation department at Michelin
- Processing of the resulted files of the finite element method's solver
- Restitution of simulation indicator to tire designer
- Data processing

Python Software Engineer | Satt Sayens - innovation catalyst

09 2019 – 05 2021

Nancy, France

- Development of a decision support library to assist process engineers
- Add Visualisation component of the resulted decision solution
- A ready to use prototype from research paper thesis

Optimization Engineer Intern | Fair Isaac Corporation - FICO

02 2019 – 08 2019

Tours, France

- Literature review on Multiobjective optimization of mixed-integer linear problems
- participation in the development of a multi-objective decision support prototype
- Work in an agile environment with an international team

EDUCATION

Masters in Computer Science, | Nantes Université

09 2016 – 09 2019

Nantes, France

- **Optimization in Operations Research specialist**
- with high honours

Master I's degree in computer science | Université Grenoble Alpes

09 2015 – 08 2016

Grenoble, France

- First year completed
- with standard pass

Licence's degree in computer science | Djillali Liabes University

10 2012 – 08 2015

Sidi Bel Abbes, Algeria

- Cisco Networking Academy (CCNA I)
- Cisco Certified Network Associate, Routing Protocols And Concepts (CCNA2)
- with high honours