ROLLAND Dorian
2025 Summer Internship

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SUMMARY

Passionate about numbers and programming, I thrive on constant challenges and am always seeking opportunities to fulfill my aspirations. Currently studying Applied Mathematics, I plan to specialize in Data Science next year, with a strong focus on coding and data-driven solutions.

My experience as a Data Analyst apprentice allows me to develop both technical and soft skills in a practical environment, strengthening my passion for data science, engineering, programming, and continuous learning.

EXPERIENCE

CEA   Grenoble, France

multidisciplinary research firm (Renewable energy, nuclear technology, etc.)

Apprentice in Software Engineering   2023 - Present

- Contributing to CI/CD processes, ensuring seamless integration and continuous delivery across multiple projects, with a strong emphasis on optimizing code efficiency and maintaining high-quality standards.

- Implementing robust version control practices with Git, GitHub, and GitLab, facilitating smooth collaboration and version tracking across teams and projects.

- Developing and managing Docker containers, streamlining the software deployment process, and ensuring environment consistency for all stages of development and testing.

- Focusing on acquiring a deep understanding of advanced software development tools and techniques, with the goal of improving development processes and boosting team productivity.

EDUCATION

CY Tech   Cergy, France

Engineering Program – Applied mathematics   2021 - 2026

- Coursework includes Data Mining, Reinforcement Learning, Deep Learning, Statistics, Monte-Carlo Simulation, Signal Processing, Numerical Analysis, Probabilities, SQL, Etc.

Produced and successfully delivered multiple projects:
  - Big Data: Tweets Stream Sentiment Analysis (Scala, Spark)
  - Facial recognition program using singular value decomposition and eigenfaces (Python)
  - Regex via a finite-state automaton (Python)

ADDITIONAL INFORMATION

- Prommation C & Rust & Fortran with parallelization
- Grey SCOTT School, summer 2024
- Driver's license, category B

LANGUAGES

- French: native
- English: profess ional (B1)