



Samuel ORTION

Compational biology student

21 years old

Application to MixtAI Scholarship, Paris-Saclay

🏠 Contact

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🔗 Links

🌐 samuel.ortion.fr

📁 framagit.org/sortion

🕒 Samulus.i.n on Rosalind.info

🔧 Skills

📄 C/C++, Rust, Python, R, shell
JS, Java, PHP, OCaml...

📄 HTML, CSS, Lua, ~~TeX~~

📄 SQL

📄 GNU/Linux, Docker, Slurm

📄 Git

📄 UML2

🗣️ Languages

■ French (native)

■ English (B2, TOEIC Score 870)

■ German (A2)

🎓 Education

Master Genomics, Informatics and Mathematics for Health
and Environment

2023-present

Université d'Évry val d'Essonne - Université Paris-Saclay

- Participation to the Digital for Genomics Hackathon 2024 (Genopole): *intelligent antibodies* team.

Bachelor's Degree in Computer Science and Biology

2020-2023

Université d'Évry val d'Essonne - Université Paris-Saclay

- Participation to the Digital for Genomics Hackathon 2023 at Évry Genopole with the *DeepContact* team (Institut Pasteur).
- Member of the iGEM 2023 Évry - Paris-Saclay team.

💼 Experience

Bioinformatics Internship

April-July 2024

Laboratoire de mathématiques et modélisation d'Évry - statistique et génome

- Contribution to FTAG-Finder, a pipeline to detect gene families and tandemly arrayed genes from a single species' proteome

Bioinformatics Internship

July-August 2023

Institut Pasteur - Spatial Regulation of Genomes

- An attempt to avoid too heavy Hi-C reads mapping on genomes with numerous repeated sequences with an heuristics.

Neuroscience Internship

May-July 2023

Lyon Neuroscience Research Center - Olfaction: from Coding to Memory

- Electrophysiological signal analysis in rats (LFP and respiration).

👥 Activities

- Bird watching & Bat recording (Vigie-Chiro)

- JeBiF (member of the administration committee)

- Software development

- Liness Linux User Group

- bioinfo-fr.net blog