

Samuel ORTION

Bio-Informatics Student

20 years old

Bio-Informatics master application

Contact

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Links

samuel.ortion.fr
sortion (🐙, 🐙, 🐙)

Skills

C/C++, Rust, Python, R, JavaScript, Java, SHELL, PHP, OCaml...

HTML, CSS, Lua^AT_EX

SQL

GNU/Linux, Docker, QEMU/KVM

Git

UML2

PCR, RT-PCR, Clone

Spectrophotometry

Microorganism culture

Microscopy

Electrophoresis

Photography

Vector Graphics (Inkscape/svg)

Languages

- French (native)
- English (B2, TOEIC Score 870)
- German (A2)

Education

Double bachelor degree in Biology and Computer Science 2020-2023 Évry – Paris-Saclay University, France

- Computer science theoretical courses and applications;
- Biology general notions and lab practices;
- Introduction to computational biology through little projects along the cursus;
- Participation to the Digital for Genomics Hackathon 2023 edition.

High School Diploma in Science (Bac S) - Biology and Earth Sciences major - English European Mention 2017-2020 Lycée Notre-Dame, Le Mans, France

- Baccalaureate with highest honours, with a DNL SVT European mention (biology and earth sciences in English);
- « Research Passport » : Group work on a research topic with scientists. We worked on tumor suppressors with two PhDs from the CRCINA (Cancerology Research Center of Angers);
- Olympiades de la Chimie (qualified 1st in departmental contest, Sarthe, 2020).

Work Experiences

Computer Science Internship January 2022 Natural-Solutions

- One-week internship in the Natural-Solutions web development agency, based in Marseille 🐙.
- Contributed to the development of an artificial intelligence involved in automatic nocturnal bird flight call detection and identification for the NBM Challenge 🐙.
- Discovery of the SCRUM software development method.

Interests

- Bird watching, sighting data sharing on crowd sourced database;
- Bat ultrasound recording and analyzis (Vigie-Chiro);
- Wildlife Photography 🐙;
- Software development & GNU/Linux system administration;
- Liness Linux User Group 🐙;
- I published two articles on Bioinfo-fr.net blog 🐙;
- 🌐 Bioinformatics through problem solving at Rosalind.info 🐙.