

# Samuel Ortion

Application to M2  
GENIOMHE

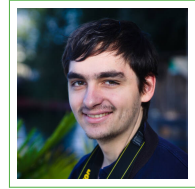
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## personal data

birth date 2003-01-21

## knowledge

biology molecular biology, genetics, bioinformatics  
IT git, GNU/Linux, bash, nginx, SQL, Slurm, Docker, QEMU/KVM, Lua~~TeX~~  
programming C/C++, Rust, Python, R, JavaScript, Java, Perl, PHP

## languages

English B2 (TOEIC score 870)

German A2

French native

## internships

july-august 2023 Institut Pasteur, Regulation Spatiale des Génomes, Paris  
○ an attempt to avoid a too heavy mapping step on genome with repeats using an approximation based on repeats distribution for Hi-C contact maps reconstruction

may-july 2023 Lyon Neuroscience Research Center, Lyon  
○ analysis of electrophysiological data from rats learning an odor recognition task

january 2022 Natural Solutions  
○ contribution to the documentation of a deep-learning project aiming to identify nocturnal bird calls

## education

2023-present Master, *Genomics, Informatics and Mathematics for Health and Environment*, Université Paris-Saclay, Évry

2020-2023 Bachelor's Degree, *Computer Science and Biology*, Université Paris-Saclay, Évry

## participation

2023 Hackathon, *Digitals 4 Genomics*, DeepContact team

2023 iGEM 2023, *Evry Paris-Saclay*, OptogeneEyeSis