

SIMEON HEBREW

MASTERS STUDENT - UNIVERSITÉ PARIS-SACLAY
(M1 LIFE SCIENCES AND HEALTH)

PROFILE

I am an industrious, time-conscious and goal-oriented individual who is always eager to learn while sharing that which I know with others. I possess essential problem-solving skills which enable me to respond to questions and challenges in an efficient and timely manner. I am capable of collaborating with people from different backgrounds and offer team-based solutions, a character which is propelled by my proper communication skills, precise leadership and ability to complete tasks under minimal supervision.

CONTACT

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📍 45 BIS BOULEVARD JOURDAN
75014, PARIS.

SKILLS

Linux (Bash)	● ● ● ● ●
R	● ● ● ● ●
Python	● ● ● ● ●
Nextflow/Snakemake	● ● ● ● ●
HPC/Slurm	● ● ● ● ●
Git, Conda, Docker	● ● ● ● ●

LANGUAGES

English | French | Swahili | Hebrew

PROFESSIONAL EXPERIENCE

Institut Jacques Monod (Vervoort Lab) - M1 Intern

FEBRUARY 2022 -PRESENT

Characterizing the regulatory landscape of *Platynereis dumerilii* using ATAC-Seq and integration with RNA-Seq data.

International Center of Insect Physiology and Ecology - Bioinformatics Research Assistant

FEBRUARY 2021 - AUGUST 2021

Designing and developing bioinformatics pipelines for WGS variant calling, RNA-Seq and 16S rRNA data analysis for microbial species identification.

Kenya Plant Health Inspectorate Services - Molecular Biology Laboratory Intern

MAY 2019 - AUGUST 2019

Identification of unknown plant pests using DNA barcoding (Sanger sequencing and bioinformatics analysis).

EDUCATIONAL BACKGROUND

Université Paris-Saclay

SEPTEMBER 2021 - PRESENT

M1 Life Sciences and Health - International Track

Jomo Kenyatta University of Agriculture and Technology

SEPTEMBER 2016 - APRIL 2021

Bachelor of Science in Biochemistry and Molecular Biology (First Class Honours)

Research Project - *In silico* investigation of Plasmodium falciparum protein CX3CL1 Binding Protein 1 as a potential antimalarial therapeutic target.