Aymen Ouamou

📍 **Home** : 07, Street Eloulfa, Meknes Road, 54000, Khenifra, Morocco

✉ **Email:** ouamoa@gmail.com 📞 **Phone:** (+212) 616829457

🌐 **Website:** https://mrghost-aymen.github.io/portfolio/

in **LinkedIn:** Aymen Ouamou 👤 **Github:** MrGhost-Aymen

Gender: Male **Date of birth:** 05/01/1997 **Place of birth:** Khenifra, Morocco **Nationality:** Moroccan

ABOUT ME

Genomics-focused bioinformatician with hands-on experience in organelle and nuclear genome assembly, annotation, and large-scale sequencing data analysis. Skilled in Python, reproducible pipelines, and comparative genomics, including evolutionary and functional genomics analyses.

EDUCATION AND TRAINING

[01/10/2023 – 01/12/2025] **Master's in Plant Biology and Biotechnology**

Multidisciplinary Faculty of Nador

City: Nador | **Country:** Morocco |

[01/11/2016 – 01/06/2022] **Bachelor's in Life Sciences (Cellular and Molecular Biology)**

University Moulay Ismail, Meknes

City: Meknes | **Country:** Morocco |

[01/09/2015 – 01/07/2016] **Baccalaureate in life and earth sciences**

fatima zahra high school

City: Khenifra | **Country:** Morocco |

WORK EXPERIENCE

IRFC – Royal Institute for Management Training

City: Rabat | **Country:** Morocco

[01/03/2025 – 01/09/2025] **Master's internship**

Genome sequencing and comprehensive genomic analysis of *Artemisia* species, focusing on organellar (plastid and mitochondrial) and nuclear genome assembly and annotation. Applied bioinformatics pipelines for RNA editing prediction, codon usage analysis, comparative genomics, and Ka/Ks selection studies, with visualization of evolutionary patterns using phylogenetic and statistical analyses.

DATI-Prima

Country: Morocco

[01/12/2023 – 01/01/2024] **Survey enumerator**

Farmer survey on the application of irrigation management techniques within the framework of the international project "Digital Agriculture for Irrigation Efficiency

SKILLS

Bioinformatics | Genomics Bioinformatics Tools | genomics | Python | Machine Learning | Penetration Testing | Arcgis | Linux | Web Application Security | burpsuite

CERTIFICATIONS

[Cisco Networking Academy, 2024] **Ethical Hacker**

[Tryhackme, 2023] **Offensive Pentesting**

[Tryhackme, 2022] **Jr Penetration Tester**

[Alison, 2022] **Biotechnology - Cell Biology Techniques**

[Google, 2020] **Fundamentals of digital marketing**

[Udacity, 2018] **Data Analysis Track**

[Open classrooms, 2017] **Diplome C Sharp, HTMLS, CSS3**

[CYBRARY, 2017] **Advanced Penetration testing**

LANGUAGE SKILLS

Mother tongue(s): Arabic

Other language(s):

English

LISTENING B2 **READING** B2 **WRITING** B2

SPOKEN PRODUCTION B2 **SPOKEN INTERACTION** B2

French

LISTENING B2 **READING** B2 **WRITING** B2

SPOKEN PRODUCTION B2 **SPOKEN INTERACTION** B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DRIVING LICENCE

Cars: B
Trucks: C

REFERENCES

References

- **Dr. Hassan Ghazal**, Affiliated Professor at the National Center for Scientific and Technical Research in Rabat (CNRST), 'assigned' Professor at the Royal Institute of Executive Management (IRFC) in Salé – hassan.ghazal@fulbrightmail.org
- **Dr. Kamal Aberkani**, Professor at Multidisciplinary Faculty of Nador, University Mohammed First – k.aberkani@ump.ac.ma