



# Aymen Ouamou

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

🌐 **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.

[ 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