



ZAKARIA BENARBIA

Bioinformatics Master's Student



zakaria.benarbia.bio@gmail.com | +213659492464 | Constantine, Algeria

PROFILE SUMMARY

Dynamic and dedicated Master's student in Bioinformatics, with a foundation in microbiology, biochemistry, and hematology through diverse internships in hospital settings. Passionate about leveraging machine learning and AI techniques to analyze biological data, driving potential breakthroughs in medical research. Skilled in Python and database management, adept at transforming complex datasets into actionable insights. Multilingual capabilities enhance the ability to collaborate effectively in diverse environments, fostering innovation and progress in bioinformatics. Excited to contribute to advancements that could shape the future of healthcare.

EDUCATION

University of Constantine 1 (University of Mentouri Brothers Constantine) 2024 - Present

- Master's degree in Bioinformatics

University of Constantine 1 (University of Mentouri Brothers Constantine) 2021 - 2024

- Bachelor's degree in Bioinformatics

WORK EXPERIENCE

Microbiology Intern | Établissement Hospitalier Spécialisé dans les Maladies et la Chirurgie Cardiaque Dr. Mokhtar Djaafri, Constantine, Constantine, Algeria Dec 2023 - Jan 2024

- Supported cardiac patient infection prevention via comprehensive pre/post-surgical microbiological testing.
- Improved infection management protocols by contributing to antimicrobial susceptibility profiling and reporting.

Biochemistry and Hematology Intern | Laboratoire d'Urgence, Établissement Hospitalier Spécialisé Mère et Enfant Sidi Mabrouk Constantine Jul 2023 - Aug 2023

- Performed urgent biochemical and hematological tests in an emergency lab focused on maternal and child health, handling high-priority samples for rapid diagnostics in obstetrics and pediatrics.
- Developed proficiency in managing time-sensitive workflows while adhering to safety standards in a specialized hospital setting.

Biochemistry and Hematology Intern | E.H.S Sidi Mabrouke Constantine Laboratoire Central (Hôpital Pédiatrique Mansourah) Mar 2023 - Apr 2023

- Supported the central lab team in sample preparation, equipment calibration, and result validation, ensuring accuracy in a specialized pediatric environment.

Microbiology Intern | Centre Hospitalier Universitaire Dr. Benbadis Constantine Service de Microbiologie Dec 2022 - Jan 2023

- Gained hands-on exposure to sterile techniques and data recording in a fast-paced microbiology lab.

PROFESSIONAL SKILL

- Python
- MySQL
- linux
- Biopython

LANGUAGES

- English (C1)
- French (B2)
- German (Basics)