



Doha Isianioui

Marrakesh 40500 Morocco

+212 706884954, disianioui@gmail.com

Nationality:Moroccan

Summary

Motivated and results-driven Computer Science graduate with hands-on experience in software development, artificial intelligence, data science, and cybersecurity. Multiple-time international award winner, including **two 1st-place and one 2nd-place finish at the Digital Skills Cup 2026 World Finals** (sponsored by Microsoft and AWS), competing against participants from over 100 countries. Holds industry-recognized certifications in Data Science, Data Engineering, and AI Engineering (DataCamp), as well as the Anthropic Claude Certified Architect – Foundations credential. Practical experience in designing and deploying AI-powered full-stack applications, with a strong foundation in machine learning, software engineering, and system design. Seeking admission to a Master's program in Information Technology, Data Science, Software Engineering, or Artificial Intelligence to further develop technical expertise and contribute to impactful research and innovation.

Education

Oct 2025 – Jun 2026	Bachelor's Degree in Computer Systems and Software Engineering (ISIL) Higher School of Technology (EST) – Cadi Ayyad University, Essaouira Skills developed: ■ Software Modeling and Design: Mathematics, Algorithmics, Artificial Intelligence, Merise, UML. ■ Programming Languages: C/C++, Java, Python, JavaScript. ■ Backend Development: Node.js, Express.js, Flask, Laravel. ■ Frontend Development: React.js, EJS, HTML, CSS, Bootstrap. ■ Databases: MySQL, PostgreSQL, MongoDB. ■ Software Engineering: Object-Oriented Programming (OOP), REST APIs, MVC Architecture. ■ Testing & Debugging: JUnit, Postman, Console Debugging.
Oct 2023 – Jun 2025	University Diploma of Technology (DUT) in Computer Engineering, Higher School of Technology (EST), Essaouira (Two-year technical program prior to the Bachelor's degree – Higher School of Technology (EST), Essaouira – Cadi Ayyad University)

Internships

Mar 2026 – Jun 2026	AI Research & Development, Remote Intern, Ovidia AI LLC ■ Designed a complete SIEM (Security Information and Event Management) system integrating multi-layer security on a virtualized infrastructure (Splunk Enterprise, Ubuntu, Kali Linux). ■ Implemented an anomaly detection algorithm based on the Z-score statistical method via Splunk SPL, detecting 8 anomalies out of 94 events analyzed with zero false positives. ■ Developed an automated incident response pipeline: brute-force attack detection (Hydra simulation) → automatic IP blocking via UFW → multi-channel alerts (Gmail SMTP + Telegram Bot). ■ Built a real-time web dashboard (Flask + Chart.js + Socket.IO) integrating an AI Threat Analysis module powered by the Groq LLM API for contextual incident classification (severity, IOCs, recommended actions).
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Apr 2025 – May 2025	Software Development Intern, ZYNERATOR de Z S Event, Morocco ■ Participated in software implementation, debugging, and task automation using modern development practices. ■ Contributed to the design and development of ProstheticGait & Configuration System, an integrated digital solution aimed at improving prosthetic adjustment and gait analysis. ■ Developed the web application using React.js and TensorFlow.js, enabling real-time body tracking and precise anatomical measurements through browser-based machine learning models. ■ Built features for automated gait symmetry analysis within the mobile application, developed in Kotlin, to detect prosthetic imbalances and movement irregularities. ■ Implemented intelligent recommendation mechanisms to assist clinicians in optimizing prosthetic alignment, fit, and patient comfort. ■ Collaborated with the development team to integrate frontend interfaces with ML-powered components, ensuring accuracy, responsiveness, and usability. ■ Participated in debugging, performance optimization, feature testing, and technical documentation to maintain software reliability and scalability. ■ Applied modern software engineering practices, including component-based development, API integration, and iterative feature delivery.
Jun 2024 – Jul 2024	Software Development Intern, Pluriel Information and Communication, Morocco ■ Developed a complete ticket management web application as part of a real-world project in the programming and development department. ■ Built the backend using Node.js and Express.js, with an EJS-based frontend styled with Bootstrap. Employed XAMPP to manage the local server and database environment. ■ Implemented full user and requester management, as well as functionalities for creating, editing, assigning, and tracking support tickets. ■ Collaborated with the development team to ensure software reliability, maintainability, and usability.

Certifications		
Mar 2026	AI Engineer for Developers Associate – DataCamp	(Cert. No. AIEDA0014849604179)
Mar 2026	Data Scientist – DataCamp	(Cert. No. DS0024515221602)
Mar 2026	Claude Certified Architect – Foundations – Anthropic (Valid Mar – Sep 2026; Cert. No. 5e2ipb2si4nv)	
Feb 2026	Data Engineer – DataCamp	(Cert. No. DE0016221343549)

Honors, Awards & Competitions		
May 2026	1st Place – AI Pro Category (World Finals) , Digital Skills Cup 2026 International Ranked 1st globally in the AI Pro category at the Digital Skills Cup 2026 World Finals, an international technology competition sponsored by Microsoft , Amazon Web Services (AWS) , and the Leading Learning Partners Association, with participants from over 100 countries.	
May 2026	1st Place – AI User Category (World Finals) , Digital Skills Cup 2026 International	

Ranked **1st globally** in the AI User category at the same World Finals, demonstrating excellence across two distinct AI disciplines in the same international competition.

May 2026	2nd Place – IT Security Category (World Finals) , Digital Skills Cup 2026 International Ranked 2nd globally in the IT Security category, reflecting cross-disciplinary expertise spanning artificial intelligence and cybersecurity.
Feb 2026	2nd Runner-Up Team Member , Hult Prize Recognized as a member of the 2nd runner-up team at the Hult Prize on-campus competition at the Higher School of Technology Essaouira (Feb 20, 2026), a global social entrepreneurship challenge.
Jul 2025	Best Poster Award , 2nd Scientific Day – AI in Health & Biomedical Instrumentation Awarded the Best Poster Award for the scientific poster entitled: “Prosthesis Configuration System and Gait Analysis” (co-authored with Eddabbah Mohamed, Zouani Younes, and Nadia Hachoumi). Organized under Cadi Ayyad University.

Conference & Event Participations

Oct 2025	NASA International Space Apps Challenge 2025 — <i>Galactic Problem Solver</i> (Two-day event: Oct 4–5, 2025) ■ Received a certificate of outstanding participation signed by Dr. Keith Gaddis, Program Scientist, NASA. ■ Contributed to the development of NeoGuardian, a real-time satellite tracking and collision detection platform for Low Earth Orbit (LEO). ■ Technologies used: • Web: React + JavaScript • Mobile: Kotlin + Jetpack Compose • Backend: Firebase (storage, notifications) ■ Participated at the Higher School of Technology (EST) of Essaouira — Cadi Ayyad University Hackathon led by Prof. Said Benkirane.
Aug 2025	Summer Bootcamp 25 – <i>AI for Cybersecurity and Healthcare</i> École Supérieure de Technologie – Essaouira (Jul 28 – Aug 29, 2025) ■ Completed an intensive month-long bootcamp on AI applications in cybersecurity and healthcare, organized by the SISAR Team Laboratory, Cadi Ayyad University, in collaboration with CNRST and partner universities.
Jul 2025	2nd Scientific Day — Artificial Intelligence for Health and Biomedical Instrumentation (One-day event: Jul 12, 2025) Poster Presentation: “Prosthesis Configuration System and Gait Analysis” ■ Presented a scientific poster demonstrating the application of AI in biomedical engineering. ■ Received the Best Poster Award (see Honors section).

Languages

Arabic: Native Speaker	English: Fluent	French: Fluent
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Hobbies

- Reading, learning new languages
- Social and community activities
- Sports: Passionate about a wide range of sports including football, maintaining physical fitness, discipline, and a competitive mindset.