

Education

- 2022 – present **PhD Student - Formal Methods**,
Université Claude Bernard Lyon 1, Lyon - France.
Doctoral School: InfoMaths
- 2021 – 2022 **Master of Science - Master of Science in Informatics at Grenoble (MoSIG)**,
Grenoble INP – ENSIMAG, Grenoble - France.
Option: Software and Hardware Components Engineering
- 2020 – 2022 **Engineer's Degree - Embedded Systems and Connected Devices**,
Grenoble INP – ENSIMAG, Grenoble - France.
- 2018 – 2022 **Engineer's Degree - Embedded Systems and Digital Services**,
Institut National des Postes et Télécommunications, Rabat - Morocco.
- 2016 – 2018 **Associate's Degree - Mathematics, Informatics and Physics**,
Faculty of Science et Technology - Hassan the First University, Settat - Morocco.
- 2016 **Baccalauréat**, *Lycée Al-Qods*, Tantan - Morocco.

Experience

As a PhD Student

- October 2022 **Research and Development**,
– present *Aniah*, Grenoble - France.

Internships

- February – **Research Internship - Formal Methods**,
July 2022 *Verimag Laboratory*, Grenoble - France, Applying formal verification techniques to circuit electric verification.
- February – **Internship - Connected Systems**, *Schneider Electric*, Grenoble - France,
August 2021 Implementation and test of Zigbee Direct; a feature that enables Bluetooth Low Energy capable devices to communicate with Zigbee networks.
- July – August **Internship - Embedded Systems**, *Arkeocean*, Rabat - Morocco,
2020 Simulation of scuba diving decompression algorithms & Implementation of a dive computer on a STM32F4 microcontroller platform.
- July 2019 **Internship - Data Analysis**,
Soft Centre, Agence Nationale de Réglementation des Télécommunications, Rabat - Morocco,
Data analysis for a multimodal mobility management solution.

Associations

- June 2019 – **President, IEEE INPT Student Branch**, IEEE, Morocco Section.
December 2020