

Professor (Agrége) In Computer Science Modeling and Scientific Computing Engineer

Education

- 2020–2022 **Agrégation Informatique: Preparation for Agrégation in computer science.** .
CRMEF Marrakech.
- 2016–2019 **Master's degree in Engineering: Modeling and Scientific Computing.** .
Ecole Mohammadia d'Ingénieurs
- 2015–2016 **Bachelor's degree In mathematics and computer sciences.** .
FST Guiliz Marrakech
- 2013–2015 **Diploma of Higher University Studies in Science and Technology** , in *Mathematics, physics and computer sciences.*
FST Guiliz Marrakech
- 2013 **High School Experimental Science Baccalaureate in Physics and Chemistry.** .
Lycée Kachkat Youssoufia

PROFESSIONAL EXPERIENCE

- 2022–Present **Computer Science Professor**, in *preparatory classes MP & PSI..*
CPGE Moulay Youssef Rabat.
- February–June 2019 **Final project**, *Within the quantitative investment strategies team*, implementation of backtesting models for new quantitative investment strategies.
Société Générale Africa Technologies Services Casablanca.
- July–August 2018 **Engineering Internship**, *Within the urban planning department*, realization of an adaptive controller for the traffic lights intersection.
NOVEC SA, Salé
- July–2017 **Internship**, *Within the computer and network department*, Development of a web application for absence management..
OCP Youssoufia.

Knowledge

- Fondamental Automata theory and proof theory, Logic, Complexity theory, compilation and analysis theory.
- Mathematics Probability, Calculus, Markov chains, Optimisation, Quantitative finance, Market Finance
- Programming Java, C, Python, UML, SQL
- Systems and Tools GNU/Linux, Windows, System programming

Interests and Languages

- Langages English, French, and Arabic
- Interests Camping, chess, harmonica, football, and theater.