

CHIBOUB AMINE

Scientific Calculus Engineer - PhD student

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WORK EXPERIENCE

Full-time PhD

Bordeaux University

📅 December 2022 - On going 📍 Bordeaux, France

Project: Contribution of AI in reconfigurable manufacturing systems
Scientific calculus engineer

CNRS, HEC-Paris, department of finance

📅 December 2021 - August 2022 📍 Paris, France

Project: Algorithmic Pricing and Liquidity in Securities Markets.
Implementation of Reinforcement Learning Algorithms.
Modelling Algorithmic Pricing Collusion.

Internship

Laboratoire National de Métrologie et d'Essais.

📅 Mars 2021 - August 2021 📍 Paris, France

Project: Generation of Reference Softgauges for Minimum Zone Fitting
Algorithms: Case of Aspherical and Freeform Surfaces.

Mathematics' teacher

Académie Régionale d'Éducation et de Formation du Grand Casablanca

📅 Sep 2020 - Nov 2021 📍 Casablanca, Morocco

EDUCATION

M2 Mathematics, Modelling and Simulation (merit-based scholarship)

University of Pau and the Adour Region (IUT des Pays de l'Adour)

📅 2020 - 2021 📍 Pau, France

CGPA: 3.5

Intensive English course

English Studio London

📅 2018 - 2019 📍 London, England

Level: C1-Advanced

Master's degree in mathematics and applications

École Normale supérieure de Casablanca

📅 2015-2017 📍 Casablanca, Morocco

CGPA: 3.25

PUBLICATIONS AND DISSERTATIONS

Scientific publication (Master's thesis)

Generation of Reference Softgauges for Minimum Zone Fitting Algorithms: Case of Aspherical and Freeform Surfaces

📅 December 2021 📍 Nanomaterials journal

Project manager: habil. H Nouira

DOI: 10.3390/nano11123386

Master's thesis

Predicting financial markets by time series & copulas.

📅 2016-2017 📍 FSJES Ain Sebba

Pr. T.Zari

LOOKING FOR

"completing my PhD and seeking a position as an associate professor at the university. In addition to conducting research to solve scientific enigmas and contribute towards the welfare of society."

TECHNICAL STRENGTH

Machine Learning ●●●●●

Reinforcement Learning ●●●●●

MATLAB ●●●●●

Python ●●●●●

R ●●●●●

HPC ●●●●●

Eviews ●●●●●

Game theory ●●●●●

Fortran ●●●●●

C/C++ ●●●●●

STRENGTHS

Hard-working

Decision Making

Ability to Work Under Pressure

Conflict Resolution

Time Management

Puzzle solver

Stickler

Flexibility and Adaptability

LANGUAGES

English ●●●●●

French ●●●●●

Arabic ●●●●●

German ●●●●●

Spanish ●●●●●

HOBBIES

Chess

Cross-Fit

Football

swimming