

Ulrich D. S. Aiounou

ECONOMICS · BIG DATA, ECONOMETRICS, COMPUTER SCIENCE

Marseille, France

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Education

Phd Student

AIX - MARSEILLE SCHOOL OF ECONOMICS

- Machine learning
- Advanced Econometrics
- Applied Macro-economics

Marseille, France

Oct. 2022 - Today

Master's degree in economic engineering

AIX - MARSEILLE SCHOOL OF ECONOMICS

- Research methodology
- Macro-economics
- Advanced Econometrics & Machine learning

Marseille, France

Sep 2020 - Sep 2022

Bachelor degree in Statistics Mathematic

NATIONAL SCHOOL OF APPLIED ECONOMICS AND MANAGEMENT

- Data exploration
- Probability & Statistics: descriptive and inferential
- Linear algebra, Mathematics analysis

Cotonou, Benin

Nov 2014 - Dec 2017

BTS in computer science

HIGH SCHOOL ST. FELICITY

- Merise
- Database Management
- Programming languages

Cotonou, Benin

Nov 2015 - Nov 2016

Work Experience

AMSE

RESEARCH INTERSHIP IN GAME THEORY

- Implementations of theory simulations algorithms in python
- Replication of mathematics proofs
- Graphic illustrations of found results

Marseille, France

May 2021 - Jul 2021

OSSPO International

FULLSTACK DEVELOPER AND DATA SCIENTIST

- Webscraping with scrapy
- Data cleaning
- Implementation of a merchant site and a click and collect platform
- Conceptual analysis of applications before their development
- Frontend development with VueJS and NuxtJS

Cotonou, Benin

Dec 2019 - Aug 2020

Atlantique Banque

DATA ANALYST

- Automation of the calculation of performance indicators on Excel with VBA
- Automation of report generation in word document with VBA

Cotonou, Benin

Jun 2019 - Nov 2020

IB Consulting

DATA ANALYST

All data management and manipulation within the framework of the development of the strategic plan 2019-2023 of Benin Prison Agency

Cotonou, Benin

Oct. 2018 - Nov 2018

Freelance Consulting

DATA ANALYST

All data management and manipulation within the framework of the development of the strategic plan 2019-2023 of the Ministry of Energy of Benin

Cotonou, Benin

Aug. 2018 - Oct. 2018

Projects

Treatment Effect in high-dimensional: Lasso vs. Autometrics

MASTER THESIS

Comparison between variables selection methods in causal effect models

Marseille, France

June 2022

Machine learning, Information reduction

PREDICTION OF POPULARITY OF AN ARTICLE

Marseille, France

February 2022

Detection of the aorta in medical images

SEMANTIC SEGMENTATION

Marseille, France

January 2022

Skills

Programming Python, NodeJs/Javascript, C/C++, SQL, Java, GIT, MongoDB, CI-CD

Technical Prediction with machine learning algorithms, Model deployment via API

Communication French, English

Interest

Interest Football, Mangas, Science Fiction, Article and scientific books

Honors & Awards

INTERNATIONAL

2022 **Finalist**, Econometrics Game Edition 2022

Amsterdam,
Netherlands