

MAYAKI MANSOUR

@ mayaki_mansour@yahoo.fr ☎ +330617710092 📍 Antibes, France
in www.linkedin.com/in/mansour-mayaki



EXPERIENCES

Phd student

University Côte d'Azur, INRIA

📅 September 2020 – Ongoing

📍 Nice, France

Research subject: Time series anomaly detection using machine learning. Application to predictive maintenance and embedded devices.

Research Engineer

Pro BTP Groupe & INRIA

📅 September 2020 – June 2022

📍 Nice, France

Research subject: Anomaly detection using machine learning. Application on medicare fraud detection.

Internship

Center for Research in Economics and Statistics (Crest-ENSAI)

📅 April 2020 – September 2020

📍 Rennes, France

Research subject: statistical analysis of dynamic stochastic block models. Rate of convergence of dynamic graphs.

Data scientist

SmartPush

📅 june 2019 – August 2019

📍 Marseille, France

Subject: Building deep learning based recommender system using banking transactions.

Junior Statistician

Senegalese Agricultural Researchs Institute

📅 April 2018 – July 2018

📍 Dakar, Sénégal

EDUCATION

Phd in Computer science

University Côte d'Azur, INRIA

📅 September 2020 – Ongoing

📍 Nice, France

Research subject: Time series anomaly detection using machine learning. Application to predictive maintenance and embedded devices.

Engineering degree in Statistics and Data science

ENSAI, Rennes

📅 Sept 2018 – June 2020

📍 Rennes, France

Relevant courses : mathematical statistics, Advanced Time series analysis, Data processing, Advanced statistical modeling and Probability theory.

Master 2 degree in Mathematics

Rennes 1 University

📅 Sept 2019 – June 2020

📍 Rennes, France

Relevant courses : Stochastic process, Parametric and non-parametric statistics and Advanced statistical modeling.

Engineering degree in statistics

ENSAE, Dakar

📅 Sept 2014 – June 2018

📍 Dakar, Sénégal

Relevant courses : Probability theory, Parametric and non-parametric statistics, Data processing and statistical learning.

STRENGTHS

Hard-working

Tenacity

Motivator & Leader

Python

Deep learning

Tensorflow

Keras

R

Advanced data Analysis

LANGUAGES

French



English



PROJECTS

Predictive maintenance

INRIA & NXP Semiconductors

📅 July 2020 – Ongoing

Anomaly detection using machine learning. Application to predictive maintenance and embedded devices. This project aims to build high dimensional time series analysis solutions for predictive maintenance capable of operating on chips with reduced storage and computing capacities.

Medicare fraud detection

Pro BTP Groupe & INRIA

📅 Sept 2020 – June 2022

Medicare fraud detection using machine learning based models.

Identifying and Counting Industrial Gas Cylinders with Computer Vision

ENSAI & AIR Liquide

📅 December 2020 – March 2020

Developed a deep learning model that Identifies and Counts Industrial Gas Cylinders.

Generative Adversarial Networks (GANs)

ENSAI & Rennes 1 University

📅 November 2019– January 2020

Theoretical analysis and applications of GANs. The aim of this project was to understand the underlying concepts of GANs and do some applications.

Building a recommender system

ENSAI & Orange France

📅 December 2018– April 2019

Build a recommendation system for orange france customers using R and Python.

INTERESTS

REFERENCE CONTACTS

Prof. Michel Riveill

@ michel.riveill@inria.fr

✉ Université Côte d'Azur, CNRS, Inria, I3S, France

📍 Nice, France ☎ + 33 4 92 38 79 19

Prof. François COQUET

@ francois.coquet@ensai.fr

✉ ENSAI Rennes

📍 Rennes, France ☎ +33(0)2 99 05 32 45