Niels Minssen

Computer/IT engineer

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PERSONAL STATEMENT

Computer student specialized in **information system** and **decision support** tools. Curious and eager to learn, i constantly gain new skills to stay up to date.

WORK HISTORY

SCHOOL YEAR 2022-2023

WORK-STUDY PROGRAM AT CREDIT AGRICOLE (FRENCH BANK)

- Creating **machine learning** models to detect client propency to by a product. (**Logistic regression** Bagging and **xgbost**)
- Models were created using **SAS language** and **Python**
- Creation of a **R-shiny** Application to display dynamically clients characteristics

APRIL-AUGUST 2022

5-MONTH COMPUTER SCIENCE ENGINEERING INTERNSHIP AT THE DEPARTMENT OF CHARENTE-MARITIME

- Implemented **data enhancement** methods such as **association rules** and **mapping** to understand population characteristics in child placement and preoccupying reports
- Utilized **predictive models**, natural **language processing**, and **visualization** methods to analyze and highlight individual histories in placements (**python** and **R**)
- Communicated results to department directors to improve services
- Managed access rights on **Business Objects** (**BI software**)

OVERVIEW OF THE COMPETENCES

- Programming
- Statistics
- Machine Learning
- Data Visualization
- Data Wrangling
- Communication
- Problem Solving
- Data Engineering/Architecture

EDUCATION

2020-2023

ISIMA-INSTITUT SUPÉRIEUR D'INFORMATIQUE, DE MODÉLISATION ET DE LEURS APPLICATIONS

College of Engineering in Computer Science

- speciality : information system and decision support tools

2014 - 2016

CPGE- CLASSES PRÉPARATOIRES AUX GRANDES ÉCOLES

Two-year preparatory course for the competitive examination admmission to a french grande ecole

2017-2018

FIRST YEAR OF MEDICAL SCHOOL

2017

BACCALAURÉAT SCIENTIFIQUE

equivalent to british A levels , obtained with mention bien/ cum laude

PROGRAMMING LANGUAGES

- Python
- R
- C++
- C
- Java
- SAS

INTERESTS AND HOBBIES

- Sports : running, tennis, kitesurfing, climbing
- Voluntary : student body council for sport, in charge of tennis trainings and matches between students

LANGUAGES

- English : fluent
- French : native speaker
- Spanish : notions