

Niels Minssen

Computer/IT engineer



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@NielsMinssen



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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)

- Creation of **machine learning** models to detect client propensity to buy a product (**Bagged Logistic Regression** and **XGBost**)
- Models creation using **SAS** and **Python language**
- Creation of an **R-shiny** application to dynamically display clients characteristics

APRIL-AUGUST 2022

5-MONTH COMPUTER SCIENCE ENGINEERING INTERNSHIP WITHIN THE STRATEGIC MANAGEMENT TEAM OF THE **FRENCH DEPARTMENT OF CHARENTE-MARITIME**

- Implementation of **data enhancement** methods such as **association rules** and **mapping** to understand population characteristics in child placement
- Utilization of **predictive models**, natural **language processing** and **visualization** methods to analyze and highlight individual histories in child placements (**Python** and **R**)
- Communicate results to department directors to improve services
- Management of access rights on **Business Objects (BI software)**

OVERVIEW OF THE COMPETENCES

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- 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

- Specialty : information system and decision support tools

2018- 2020

CPGE- CLASSES PRÉPARATOIRES AUX GRANDES ÉCOLES

Two-year preparatory course for the competitive examination admission 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