Point Antonin

Application for a Data Science Internship

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Education

Grenoble INP ENSIMAG   *St-Martin-d'Hères, France*

MSc in Computer Engineering / Data Science (MSIAM)   Sep. 2022 - Jun. 2025

Relevant Coursework : Computer Science, Machine / Deep Learning, Natural Language Processing, Stochastic Processes

Lycée Thiers   *Marseilles, France*

Preparatory classes for the most prestigious engineering schools in France   Sep. 2019 - Jul. 2022

Relevant Coursework : Mathematics, Physics, Computer Science and English

Lycée Maintenon   *Hyères, France*

Baccalaureate with Highest Honors (Scientific Sector)   Sep. 2018 - Jun. 2019

Relevant Coursework : Mathematics, Physics, Computer Science, English and Spanish

Experience

Data Analyst Intern at HYGIE31   *Toulouse, France*

As a member of the DINSI department (approximately 15 engineers), I was responsible for collecting optical pharmacy data, managing its storage and analyzing it to create meaningful KPIs for Lafayette members to grow their businesses.   Jun. 2024 - Aug. 2024

Main tools : Snowflake, Informatica, Power BI, Pycharm (Python), Excel

CNRS Assistant Engineer Intern   *St-Martin-d'Hères, France*

Deep Geometrical Learning on Proteins Structure (extension of ScanNet architecture to find binding sites more precisely using Laplacian motion vectors), Jean Kuntzmann Laboratory, DAO team   Jun. 2023 - August. 2023

Main tools : Pycharm (Python), Tensorflow, GRICAD (Cluster)

Skills

Programming   Python (advanced), SQL (advanced), GIT (intermediate), Java (intermediate), Bash (Basic)

Typesetting   Office (Word, Excel and PowerPoint), LaTeX

Languages   French (Native), English (Fluent-C1 TOEFL 95/120), Spanish (Intermediate-B1)

Projects

Implementation of a Java Interface to simulate a Stock game (ENSIMAG school project)   *Saint-Martin-d'Hères, France*

Among a team of 4 students, I was in charge of developing a java interface architecture to simulate a trading platform as well as implementing it.   Feb. 2023 - Apr. 2023

Main tools : JavaFX, Idea Intellij (Java), Maven

Implementation of a Deca compiler (ENSIMAG school project)   *Saint-Martin-d'Hères, France*

Among a group of 5 students, I was in charge of testing a Deca compiler we built to generate code for a historical machine (processor Motorola 68K), using an incremental testing architecture (from unit to non regressive tests).   Dec. 2023 - Jan. 2023

Main tools : Deca (Programming Language), Idea Intellij (Java), Maven, ANTLR, Jacoco

Database to manage reservation of shelters (ENSIMAG school project)   *St-Martin-d'Hères, France*

Creation of a database and a Java client Interface (using a JDBC driver) to manage reservations of shelters   Sep. 2023 - Dec. 2023

Main tools : Idea Intellij (Java), SQLPLus

Volunteering & Interests

Responsible for communication   *ENSIMAG FINANCE*

Promotion of events on social networks, job interviews related to Finance   Oct. 2022 - Oct. 2023

Handball   *Grenoble INP*

6 years in Hyères' club, winner of the 2022 UGA academic competition, competing for the 2024 French Student Cup   Oct. 2022 - Present

Piano   *Hyères, France*

Former student at Hyères's Music School   Oct 2008 - Present