**CONSULTANT**

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|  | **FORMATIONS** |
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| **Grenoble-INP ENSIMAG, UGA** 2021-2025 | Diploma in Financial and Computer Engineering |
| **Grenoble-INP ENSIMAG, UGA** 2021-2025 | Master in Quantitative Finance |
| **ENCPB Paris, France** 2019-2021 | Classe Préparatoires, MPSI/MP |
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|  | **CERTIFICATIONS** |
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| **Black-Scholes Model** May 2023 |  |
| **Monte Carlo Simulation for Options** June 2023 |  |
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|  | **COMPÉTENCES** |
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**Compétences techniques**

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| **Langages de programmation** | ['Python', 'C', 'Java', 'SQL', 'Javascript'] |
| **Framework** | ['Pytorch', 'Spark NLP', 'HuggingFace', 'Docker', 'Airflow'] |
| **Base de données** | ['SQL'] |
| **Logiciels** | ['Kafka', 'AWS'] |
| **Librairie** | ['Pandas'] |
| **Bibliothèque** | ['NLP techniques', 'Machine Learning methods'] |
| **Système d'exploitation** | ['Linux'] |
| **Cloud computing** | ['AWS'] |
| **Devops** | ['Docker', 'Airflow'] |
| **Autres outils** | ['JPEG encoder'] |
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**Langues**

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| **English** | fluent |
| **French** | fluent |
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|  | **EXPÉRIENCES PROFESSIONNELLES** |
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| **SCALENS, FINTECH** | June 2023 - December 2023 |
| **Data scientist intern (NLP)** Python Pandas Pytorch Data scientist intern (NLP) Airflow OCR techniques for data extraction Spark NLP for data classification with Deep Learning models, including Transformers Kafka Machine Learning methods for data analysis C Utilisation of Kafka and Airflow for deploying NLP project Java Linux Project Docker SQL Javascript Pseudo-Java language compiler in Java  **Environnement technique:** Python, Pandas, Pytorch, Airflow, Spark NLP, Kafka, C, Java, Linux, Docker, SQL, Javascript | |
| **HUGGINGFACE** | January 2023 |
| **Development in a team of 5 of a Java compiler for Java's object-oriented sub-language 'Deca'** AWS Development in a team of 5 of a Java compiler for Java's object-oriented sub-language 'Deca'. JPEG encoder in C  **Environnement technique:** AWS, C | |
| **BLACK-SCHOLES MODEL** | May 2023 |
| **Project to complete the course on derivatives and stochastic calculations: Development of a program that implement the Black-Scholes option pricig model** Project to complete the course on derivatives and stochastic calculations: Development of a program that implement the Black-Scholes option pricig model  **Environnement technique:** | |
| **MONTE CARLO SIMULATION FOR OPTIONS** | June 2023 |
| **Development of a Monte Carlo simulation to price options, useful for complex options with various features and payoffs** Development of a Monte Carlo simulation to price options, useful for complex options with various features and payoffs  **Environnement technique:** | |
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|  | **PROJETS ACADÉMIQUES** |
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| **DATA SCIENTIST INTERN (NLP)** | June 2023 - December 2023 |
| Data scientist intern (NLP) Airflow OCR techniques for data extraction Spark NLP for data classification with Deep Learning models, including Transformers Kafka Machine Learning methods for data analysis Utilisation of Kafka and Airflow for deploying NLP project | |
| **DEVELOPMENT IN A TEAM OF 5 OF A JAVA COMPILER FOR JAVA'S OBJECT-ORIENTED SUB-LANGUAGE 'DECA'** | January 2023 |
| Development in a team of 5 of a Java compiler for Java's object-oriented sub-language 'Deca'. Development of a JPEG encoder in a team of 3, in compliance with JPEG standards. | |
| **PROJECT TO COMPLETE THE COURSE ON DERIVATIVES AND STOCHASTIC CALCULATIONS: DEVELOPMENT OF A PROGRAM THAT IMPLEMENT THE BLACK-SCHOLES OPTION PRICIG MODEL** | May 2023 |
| Project to complete the course on derivatives and stochastic calculations: Development of a program that implement the Black-Scholes option pricig model | |
| **DEVELOPMENT OF A MONTE CARLO SIMULATION TO PRICE OPTIONS, USEFUL FOR COMPLEX OPTIONS WITH VARIOUS FEATURES AND PAYOFFS** | June 2023 |
| Development of a Monte Carlo simulation to price options, useful for complex options with various features and payoffs | |
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