LOUIS MAGNIER

24 YEARS OLD

SOFTWARE ENGINEER

INTRODUCTION

I am a recent graduate from the Université de Technologie de Troyes, now working as a Software Engineer at Scorechain in Luxembourg. With a growing passion for Web3 and blockchain technologies, I am eager to contribute to innovative projects in the decentralized space.

PORTFOLIO

A portfolio gathering several IT project I took part off is available on github

PROJECTS

During my studies and free time I developed many IT project especially :

- A machine learning project aiming to evaluate the agressivity of a Tweet with several methods (supervised or unsupervised ML)
- A web-service allowing beginner to approach a cryptocurrency investment phasis on a service oriented architecture basis deployed in serverless on AWS cloud
- different website such as a movie presenter consuming web-service

TECHNOLOGY

- Database : SQL, NoSQL (MongoDB, CouchDB, RocksDB)
- Data valuation and vizualisation : Python and R
- DevOps and systems : AWS, docker, git, CI/CD, Actions, linux
- cybersecurity's basic notion
- Web technologies : HTML, CSS, Typescript, Node.js and PHP
- web-service eco-design tools

LANGUAGE SKILLS

- French (native speaker)
- English (Bulats level C2)
- German (Goethe-Zertifikat B1)

CONTACT

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Linked In

PROFESSIONAL EXPERIENCE

SOFTWARE ENGINEER : SCORECHAIN IN LUXEMBOURG

- Maintenance and further developement of multiple applications in TypeScript and C++.
- Provided support for blockchain ecosystems, including Solana and TON.
- Designed and implemented data importers for blockchain address naming.
- Developed a Quicknode extension for enhanced blockchain data interaction.
- Developed a Telegram bot to generate Know Your Address (KYA) PDF reports.
- Designed data pipelines and applications leveraging Apache Kafka.
- Explored and adopted coding best practices to improve code quality and maintainability.

INTERNSHIP : DATA ENGINEER : SCORECHAIN IN LUXEMBOURG

Design and development of data treatment and storing pipeline in the context of EVM blockchains. Data Valuation in both C++ and Typescript API

STUDENT JOB : SUPPORT

Development of an execution pipeline of NLP related algorithms.

INTERNSHIP : TYPESCRIPT DEVELOPER : SCORECHAIN IN LUXEMBOURG

Frontend: development of the React application offered to the customer.

EDUCATION

UNIVERSITÉ DE TECHNLOGIE DE TROYES

Informatics and information systems branch

- Knowledge deepening regarding software engineering, database, data and knowledge valuation and cybersecurity
- Knowledge deepening regarding UML diagram and IT project management (Agile methods)
- Many project realized to apply lessons using Javascript (or Typescript), HTML, CSS, PHP, SQL, NoSQL with Mongo DB or CouchDB, Python or R

Foundation curse

- Knowledge deepening regarding algorithm, logic and mathematics
- Introduction to UML diagram
- Many project realized to apply lessons using VBA, C, Java, HTML, CSS, PHP and SQL.

PERSONNAL PROJECTS

- Electric guitar and bass in several bands and club
- Vice-president of UTT's music club : Pulsation
- President of Uni'Son music festival
- IT and new technologies : strong interest on data analytics and vizualisation, blockchain, cybersecurity, web technology and developpement. In this perspective I passed my PIX certification and the MOOC "l'atelier RGPD" which is proposed by the CNIL