



# 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

For more information about my background and to explore some of the projects I've worked on, visit my [website](#) or my [github](#).

## PROJECTS

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

- A [machine learning project](#) aiming to evaluate the aggressivity 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
- Multiple small Dapp such as an [on-chain notary](#), or a small escrow

## 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

### LEAD SOFTWARE ENGINEER : SCORECHAIN IN LUXEMBOURG

- Collaborated with the CTO and product team to align technical work with business priorities.
- Led a team of four developers, providing mentorship and technical guidance while remaining hands-on.
- Delivered key features, including a Telegram bot tracking system and the integration of six new blockchains.
- Improved delivery consistency and team performance, while ensuring service reliability through regular on-call rotations and rapid incident response.

### SOFTWARE ENGINEER : SCORECHAIN IN LUXEMBOURG

- Maintained and enhanced several applications in TypeScript and C++, supporting blockchain ecosystems such as Solana and TON.
- Designed data importers and pipelines leveraging Apache Kafka to enrich blockchain address data.
- Developed a Telegram bot to generate Know Your Address (KYA) PDF reports and a Quicknode extension to improve data interaction.
- Adopted coding best practices to enhance 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 TECHNOLOGIE 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 course

- 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