

Clément THIRIET

Contact Information

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<https://github.com/cthiriet> | <https://cthiriet.com>

Skills

- Programming Languages: Python3 | C++ | Rust | JavaScript | HTML5 | CSS3 | SQL | Solidity
- Frameworks: Tensorflow | Keras | PyTorch | Pandas | Numpy | MPI | Next.js | React | React Native | Node.js | Express.js
- Databases: SQL | Firestore | Redis | MongoDB | DynamoDB | GraphQL
- Cloud Computing Providers: GCP | AWS
- Softwares: Docker | Visual Studio Code | GitHub | XCode

Work Experience

Full Stack Engineer | Freelancer at RelatedCode, Kft. | 06/2021 - Present

- S&P500 ETF SPY index prediction using LSTM in Pytorch (I built a dataset with a mix of news and historical data to predict the next close price given 6 previous timesteps with a LSTM neural network in Pytorch)
- GraphQLite: Open Data Platform powered by GraphQL, Docker and Next.js
- Messaging platform with WebRTC real-time communication
- Web3 NFT collection deployed on the Polygon blockchain
- AppJi: communication mobile app created with React Native

Education

- Master's Degree in Scientific Computing and Mathematics of Information (1st semester), 2022 - 2023 | University of Strasbourg FR
- Bachelor of Science in Applied Mathematics, 2022 | University of Strasbourg FR
 - C++ virtual robot powered by reinforcement learning (Q-Learning)
- Classe Préparatoire aux Grandes Écoles, 2018 - 2020 | Lycée Kléber, Strasbourg
- Baccalauréat (A-Level), 2018 | Lycée Jean de Pange, Sarreguemines

Projects

All my public projects are available on my website: <https://cthiriet.com/projects>.

- ChatDocs (<https://github.com/cthiriet/chatdocs>) | Q&A for your online documentation

- FilesChat (<https://fileschat.com>) | Q&A and summarize documents, audio, video and web pages
- DreamCin (<https://dreamcin.com>) | PDF Q&A and web page summary
- SafeSpelling (<https://safespelling.com>) | Correct spelling mistakes
- Localz (<https://github.com/cthiriet/localz>) | P2P marketplace created for Algolia Coding Contest 2021
- Redbird (<https://redbird.dev>) | Web Development Full Course

Awards

- 2021 | Winner 2nd category | Algolia Coding Contest