

Florian Barges

Engineer in mathematics and mechanics passionate about economy, FinTech and cryptocurrencies.

Target roles : data analyst, blockchain consultant, Python developer.

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EXPERIENCES

CRYPTO RESEARCHER - Dyves Group

Dyves Invest | April 2023 - /

Leading researches on several topics :

- **Fundamental studies** about DeFi mechanism
- **Writing fundamental reports** about DeFi crypto projects
- **Development of Index strategies** with Blockchain Lab (ABC research)
- **Backtesting of trading strategies** for portfolio management (Python)

CRYPTO DEFI ANALYST - AMBROSIA {BINANCE Incubator}

STATION F | Sep 2022 - March 2023

Building lending/liquidity providing/stacking DeFi strategies :

- **Fundamental studies** of DeFi protocols and stablecoins
- **Technical analysis** of liquidity pools
- **Development** of asset allocation strategies
- **Automation** in Python of the process and the allocation on DeFi protocols.

ENTREPRENEURIAL CRYPTOCURRENCY PROJECT - CEO

YIELD INVEST | Sept 2019 - feb 2022

Co-founder of a project democratizing cryptocurrency investment through an app.

- **Investment and algorithmic trading strategies** adapted for each client's profile.
- **Development** of scientific methodologies and plans.
- **Writing articles** to explain the usefulness of blockchain in the future.
- **Website** : <https://yieldinvest.fr/>

PROJECTS

INTERN - CFD modeling of the permeability of rotor/stator seals in Low Pressure Turbines.

SAFRAN | march 2022- Aug 2022

- Development of new **calculation methodologies** for the development of the engines.
- **Aerodynamic and thermal study**
- Tools used : **Fluent, Workbench, CATIA V5.**

PYTHON ALGORITHMS IN CRYPTOCURRENCIES

PERSONAL INTEREST | Aug 2020 - Today

Development of Python algorithms to automate strategies.

- **Building** balance portfolio based on Machine Learning.
- **Recognition** of trading pattern in every timeframe through Binance API.
- **Alert** for incomings IEO on Binance.
- **Scanning** Whales' moves thanks to Etherscan's API.

Trading for my personal account since September 2019

I'm trading cryptocurrencies mainly using **ICHIMOKU Kinko Hyo** and also **MACD**.

Fibonacci **retracement** is helpful to localize investments.

EDUCATION

MATHEMATICS AND MECHANICS ENGINEER

MS in Mathematics and Mechanics | 2019 - 2022

Diploma in **fluid mechanics in a French Grande Ecole** (graduate engineering school)

Coursework :

- **Entrepreneurship** : "Student/entrepreneur" national status
- Fluids mechanic : **laminar, turbulent flows** / CFD
- Simulation : **Matlab** / **thermal transfert**
- Solids mechanic/CAO : **Abaqus** / **stress calculation**
- Programming
- Practical works

PREPARATORY CLASS FOR THE "GRANDES ECOLES"

College François Ier - Fontainebleau | Sept 2017 - June 2019

Two-years intensive preparation courses to prepare for the entrance exams to French engineering schools

SKILLS

- **Strong team spirit**
- **Rigorous and organized**
- **Proactive attitude, determined and curious**
- **Autodidact**

TOOLS

- **WEBSITES** : Tradingview, Etherscan, Bscscan, Rango.finance, Glassnode, Messari, Delta.exchange, CEX, DEX.

PROGRAMMING LANGUAGES

- Python
- C++
- FORTRAN 90

LANGUAGES

- English **Fluent - IELTS**
- French **Native**
- Spanish **Intermediate**

INTERESTS

- **Economy** : **Finance/Trading/Options/stocks**
- **Racing car** : F1, F2, F3, GT3 and GT4.
- **Sport** : Regional level : Football and Tennis
- Music : Disc Jockey
- Philosophy : Etienne Klein, Aurélien Barrau, Plato, Socrates, Spinoza.
- **New technologies** : cryptocurrencies, blockchains, space, startup.
- Magician : card and coin tricks