



## Internship on ETH Blockchain projects

### Position:

Internship of 4 to 6 months on Ethereum Blockchain projects. Internship suitable only for last year student.

### Location:

Paris 8

### The company:

TOBAM is a quantitative asset management firm with assets over \$11 Billion. The Company offers innovative investment capabilities and provides institutional clients with diversified core equity exposure. The Company was the first in Europe to launch a fund tracking the Bitcoin performance. The firm has been experiencing a significant expansion, one of the largest in the industry. TOBAM operations are based in Paris and Dublin, with a daily interaction between the two locations.

### The role:

The internship consists in

- 1) Understand and write a research note on the Ethereum Blockchain ecosystem and DeFi:
  - a. Smart contracts
  - b. Understand how a liquidity pools works
  - c. Understand the entanglement of the protocols of the ASSY index (AAVE, Synthetics, SushiSwap and YFI) or more widely of the Power index.
  - d. Understand Layer 2 (scaling)
  - e. Understand Ethereum 2.0
  - f. Understand the concepts of yield farming and Yearn Vault
- 2) Develop and deploy an ERC-20 token
- 3) Applications in the asset management industry

### Technical environment:

- Solidity, Truffle, Ganache, OpenZeppelin
- Python

### The candidate:

- Qualifications: "Grande ecole d'ingenieur" or Specialised IT school
- Has strong technology aptitudes and programming skills. Knowledge on the Ethereum blockchain is a plus. Python skill is a plus.
- Is dynamic, resourceful and very motivated.