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Github/OsgoodSchlatter

in LinkedIn/Eloi Besnard

Eloi BESNARD

Student in distributed systems, I am also really interested in cryptography. I am looking for an internship starting early February 2023.



My coding experience in a nutshell:

Coding and tech skills: C, TypeScript, Java, Python, ReactJS, NodeJS, SQL, Docker, Kubernetes, gRPC

High Performance Computing: OpenMP, MPI, CUDA

Operating System: Linux, xv6

Version management: Git, GitHub, GitLab

Cryptography projects: Research article on FHE, final year project on privacy in memory zones

Education

★ Telecom SudParis

Distributed systems engineering

2022 - 2023 : M2

- High Performance Computing
- Middleware, Docker, Kubernetes
- Cloud Computing
- Cloud Infrastructure
- Final Year Project: Evaluation of privacypreserving embedded languages for C/Intel SGX.

2021 - 2022 : M1

- Operating System programming
- Distributed algorithms
- System Programming, Client-server
- Security-oriented programming
- Architectures and web applications

2020 - 2021 : L3

- Unix, Bash and Java
- Statistics
- Physics for telecommunications

★ Preparatory classes

2018 - 2020 : MPSI-MP

- Preparatory classes are French's intensive scientific courses for engineering school's qualifying tests
- Entry rank: 1200/5800

Courses:

- Mathematics : algebra, analysis, probability
- Various domains of Physics and Chemistry

Experiences

Feb/22-current: co-author

- In my free-time, I am contributing to a pre-print research paper entitled: "Towards trustworthy and privacy-preserving decentralized auctions"
- Theme: privacy in blockchain with Fully Homomorphic Encryption (FHE)
- My work consisted of developing a calculation tool API in C using FHE library

Internships

Jun-Sep/22: Carbometrix Software Engineer intern

- Full-stack development of a web application used to compute companies' overall carbon footprint and compile climate reports
- Front and back end: ReactJS

ORM: Prisma DB: PostgreSQL

Usage of Git and Github

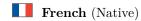
Jun-Jul/21: Foch's Hospital

 Audit of information system in nephrology departement

• Hackathon

Dec 21-Jan 22: TezBet

— Ranked 2nd/15 at GitCoin Hackathon with Tez-Bet, decentralised sport betting app on Tezos





English (professional working proficiency)

What I like to do in my free-time: