



Formal verification

FORMAL LAND

JOB OFFER



ABOUT THE COMPANY

At **Formal Land**, we apply **formal verification** to everyday-life programs to make sure code does not contain bugs. We develop formal methods targeting **mainstream programming languages** at the **cheapest possible cost**. We rely on the proofs system **Coq**. For example, we are verifying the **codebase of Tezos**, composed of 80,000 lines of code.

Our Contact:

contact@formal.land

<https://formal.land/>

"Make software safe with a mathematical degree of certainty, thanks to formal verification."





VERIFY TEZOS

Tezos is a **leading crypto-currency** featuring the unique capability to evolve thanks to a voting system. In addition, formal verification is a strong community focus to **make Tezos the safest platform**, usable by individuals and large corporates.

TEZOS.COM

JOB OFFER DESCRIPTION

In this job, you will participate in the **verification effort project of the crypto-currency Tezos**. We publish all our results in open-source on <https://nomadic-labs.gitlab.io/coq-tezos-of-ocaml/>. **Explore this website beforehand** to have more details. We use the automated system **coq-of-ocaml** to convert the OCaml code of Tezos to Coq. Your job will be to **write and automate Coq proofs** on various sub-systems of the blockchain.

We are looking for profiles who are interested in functional programming and proof assistants. Prior knowledge of **OCaml or Haskell** is a plus. **Prior knowledge of a proof assistant is mandatory**. Prior knowledge of crypto-currencies is optional.

Our Location:

Paris or remote (any countries)

"Design software, the correct way."

