



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. We are verifying the Tezos codebase, composed of 50,000 lines of code.

### Our Contact:

[contact@formal.land](mailto:contact@formal.land)

<https://formal.land/>

*"There are no reasons why formal verification should be more expensive than testing."*





# 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 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/>. Please explore this website 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 are eager to learn. Prior knowledge of OCaml or Haskell is a plus. Prior knowledge of Coq or crypto-currency systems is not expected but welcomed (training possible).

### Our Location:

Paris or remote (any countries)

*"Design software, the correct way."*

