

MAXIME LALISSE

Software Developer

Lille, France

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① PROFILE

Always making fun open source projects (Safebook, Scrutin).

Study end-to-end encrypted messaging like Signal and e-voting protocols.

Have experience in various industries.

② EMPLOYMENT HISTORY

Mobile e-voting engineer

Scrutin.app, Remote

January 2023 — June 2023

Developed an easy-to-use decentralized mobile app for online voting. Do every cryptographic operation on-device (encrypt a vote, compute the result and verify the election).

<https://scrutin.app>

Cybersecurity Engineer

Stormshield, Lille

November 2020 — July 2021

Developing new functionalities based on the TPM, and a custom PKI of OpenSSL certificates.

Maintaining the FreeBSD-based distribution. Found and fixed security vulnerabilities.

E-voting Engineer

Electis, Paris

May 2022 — January 2023

Developed an e-voting solution based on ElectionGuard (similar to Helios, a modern e-voting cryptosystem)

Video Game Developer

Eko Software, Paris

September 2014 — October 2019

Game engine development. Worked on various platforms (PS3, PS4, Xbox One, Switch), GPU development with shaders.

Online (web-based) and in-game tools to manage game databases and necessary toolchains.

Web developer

Winddle

August 2021 — May 2022

Phase out a legacy Backbone.js solution in favor of Vue.js

Optimize queries to the Ruby on Rails server, make less and more efficient requests

③ EDUCATION