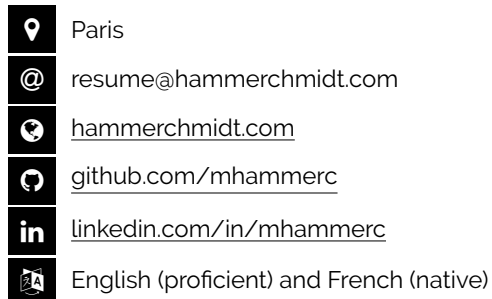


MARTIN HAMMERCHMIDT

Software Engineer

Looking for teaching opportunities



WHO AM I?

Software engineering is my passion since I am 12.

Strong knowledge and experience on making apps (back-ends, react-native) and low-level development (C and C++, embedded and Linux).

I built and maintain Weezem and SPART since 2020 with thousands of users.

I want to create courses then teach and mentor students.

MAJOR PROJECTS

2020
still ongoing

Weezem – CTO co-founder

Maintaining production & developing new features

Social network. Engineered the entire app, servers and website.

<https://weezem.com> – Available on the Play Store and the App Store.

Node.js & GraphQL & PostgreSQL / React Native w/ Expo / Google Cloud w/ Terraform / Stripe Connect / Webflow

2020
still ongoing

SPART

Maintaining production & developing new features

Sport for employees well-being. Engineered the app and servers.

<https://spart.life> – Available on the Play Store and the App Store.

Node.js & GraphQL & PostgreSQL / React Native w/ Expo / Google Cloud

2024
still ongoing

Wifi Log Ingestion & Analytics

Maintaining production & developing new features

From raw Windows NPS logs to a full-featured dashboard that display analytics on how much employees connect to the wifi, per day, per client and per office.

PostgreSQL / Google Cloud / Node.js

January 2023

OpenGL Engine

A fun personal project to learn OpenGL. It features a fully modular ImGui interface, bloom, gizmos and more.

<https://github.com/mhammerc/engine2> – Be sure to check the screenshots folder.

C++ / ImGui / EnTT (ECS)

2019 – 2020

Bugali

Engineered the first prototype of the project – a lot of BLE programming, embedded development and the making of an SFML engine that play MP4 video files.

C on nRF52 chips / BLE / SFML / FFmpeg C API / ImGui / Linux

2018 – 2019

Monimalz

Engineered the software "inside" the Monimalz: every apps that run on the screen, communication with the react-native app, the linux update process, ...

<https://monimalz.com> – no longer sold

Node.js / Linux / STM32 / Rust

EDUCATION

2016 – 2017

School 42

"42 is a future-proof computer science training to educate the next generation of software engineers."

<https://42.fr>