

GOMEZ Guillaume

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Software engineer

guillaume-gomez.fr

github.com/GuillaumeGomez

Career

- **Principal Software Engineer - Huawei, March 2021 - now**
 - Working on the Rust compiler: <https://github.com/rust-lang/rust>
 - Working on the Rust compiler GCC backend: https://github.com/rust-lang/rustc_codegen_gcc
- **Fullstack engineer on Maps - Qwant, March 2019 - March 2021**
 - Improving geocoder requests accuracy: Rust
 - Front-end: ReactJS
 - Improving data filler: OpenStreetMap, Libpostal, C, Python, Rust
- **Fullstack engineer - Mytraffic, April 2017 - February 2019**
 - Writing backend server: Python 3 (Django, postgresql/postgis)
 - Writing Front-end: EmberJS
- **Research engineer - Scalify, September 2016 - April 2017**
 - Improving CI by writing a bot with github integration: Python
 - Working on a storage software: C, Rust
- **Platform Architect - Wallix, September 2015 - September 2016**
 - Creation of password management plugin: Python
 - Setting up GRSEC for linux kernel: C
 - Setting up custom Debian: Python, Shell Script
- **Software Engineer - Metafactory, October 2014 - August 2015**
 - Signalling data management of an operator on ASI Satellite card: C, python, linux (CentOs)
 - REST-API: Python
 - Web interface: AngularJS, HTML5, CSS3
- **Embedded Software Engineer - Systel, March 2013 - June 2013**
 - Embedded Software for ambulances: C++, Qt, TCP and NF399 protocols.
- **Software Engineer - Systel, August 2011 - December 2011**
 - Badge reader: C, works on Linux and Windows.
 - Databases visualizer: C++, Qt, ODBC for databases connections.
 - Supervision software: Java, TCP

Education

- **Epitech - Paris, 2010-2015:** Master's degree, Computer Software Engineering
- **Dublin Institute of Technology - Dublin, 2013 - 2014:** Diploma of IT management

Side projects

- **Rust:** I'm a reviewer on the [Rust](https://github.com/rust-lang/rust) compiler, team-leader of the rustdoc team and member of the compiler, dev-tools and docs.rs teams
- **gtk-rs:** I'm the co-owner of the [gtk-rs](https://github.com/gtk-rs) organization on github
- **askama:** I'm the co-maintainer of the askama project which transforms jinja template into Rust code at compile time.

- [sysinfo](#): Rust Library to provide systems (Linux/Windows/macOS/FreeBSD/Android) information (such as CPU/memory/network usage, process list, etc...)
- Other projects are available on my [github](#) profile.
- I wrote the [Apprendre à programmer en Rust](#) book.