



ROMAIN TRUCHI

July 5th, 1989

Nice, France

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RUST DEVELOPER

*Curious, self-taught, creative
Appetite for discoveries and novelty*

EDUCATION

2014 – 2015 **Polytech'Nice Sophia** (*Master of Science, Web major*)

2009 – 2013 **Télécom Nancy** (Software Engineering major)

2007 – 2009 **Preparatory Class** (Physics, Technologies, Engineering)

2007 **Scientific A levels** (Mathematics/Engineering majors, with honours)

SKILLS

Programming **Rust, JavaScript, HTML5/CSS3, PHP8**

Databases **PostgreSQL/MySQL, MongoDB**

Languages **French** (native), **English** (TOEIC: 920)

PROJECTS

Virus **Text editor**

Rust, winit, swash, tree-sitter

github.com/truchi/virus

Grappe **Text edition data structure**

Rust, Unicode

github.com/truchi/grappe

Rat **Chat server and terminal client**

Rust, Tokio

github.com/truchi/rat

Openitama **Onitama, minimax and genetic algorithm**

Rust, WASM

github.com/truchi/onitama

HOBBIES

Music **Guitar**

Travels Many places in **Europe!**

Nonprofit **Hellfest** volunteer

Sports Tennis, swimming

EXPERIENCE

May 2023 **Yadeck** (NFT startup)

February 2022 **Backend Rust developer**

Card auctions and weekly game tournaments:

- Implement web microservices with GraphQL APIs (async-graphql, graphql-client) and PostgreSQL databases (sqlx)
- Integrate third-party data into multi-step, semi-automated processes
- Implement blockchain-related features such as message signing/recovery and ABI calls (web3)
- Design and implement a service on top of Alchemy to listen to contract's events in realtime
- Maintain an in-house CQRS framework
- Write, maintain and improve test suites performance (cucumber)
- Collaborate with front-end engineers to ensure a smooth and performant user experience

Problem solving, adaptability

April 2023 **Freelance** (B2B)

April 2018 **Fullstack developer**

Website creation, consulting and audits:

- Analyse requirements and write specifications
- Integrate mock-ups from web designers (JS, Twig)
- Design and develop clients specific features
- Version, build and deploy (Git, NPM, WebPack, Composer, SSH/FTP)
- Benchmark and administrate hosting solutions

Flexibility, proactivity

March 2018 **W6Cie** (Digital agency)

January 2016 **Fullstack developer**

Corporate website and web application design:

- Integrate responsive and animated mock-ups (JS/CSS, SVG, Photoshop)
- Design and develop clients features (Laravel, NodeJS)
- Customize CMS' backoffice (WordPress, ACF, CKEditor)
- Write front/backend build and deployment systems (NPM, Composer, Gulp, Deployer)
- Develop tiny websites (Grav CMS)

Organisation, meeting deadlines

September 2015 **Dassault Systèmes** (Software editor)

April 2015 **Intern**

Business Intelligence widgets web application development:

- Setup the team's source manager (Git)
- Implement graphical customisation features of dashboard's widgets (RequireJS, BackboneJS, PHP)
- Port the application modules to an internal MV* framework
- Develop a user management tool
- Redesign and migrate the settings database (SQL to MongoDB)
- Create a tool for dumping and restoring data

Self-reliance, team spirit

September 2013 **Dassault Systèmes** (Software editor)

April 2013 **Intern**

Widget instantiation web application design for enterprise dashboards:

- Draft specifications and functional test scenarios
- Prototype user interfaces (jQuery, Bootstrap)
- Implement the graph builder with live preview
- Create a module for data upload and access policies management

Corporate ethics, rigour