Romain Truchi

July 5th, 1989
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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 **W&Cie** (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