

# Anthony Rodriguez

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*Software engineer looking for an apprenticeship*

## Education

### Bachelor of Science - Computer Science

HEPIA

2024 - Present

Geneva

### Technicien ES - Software Development

CFPT

2022 - 2024

Geneva

### CFC - Software Development

CFPT

2017 - 2021

Geneva

## Projects

### Open source contributions

GitHub

2025 - Present

Home

- Hjem (contributor): a declarative \$HOME management system with Nix
- Hjem Rum (co-maintainer): A Hjem modules collection
- Miscellaneous Nix related projects

### Missive

CFPT

January 2024 - June 2024

Geneva

- Implemented an end-to-end encrypted chat application
- Used the Signal protocol with a custom implementation
- Used Flutter for the front-end (for cross-platform builds)
- Used Typescript for the back-end (RESTful API, JWT based authentication)
- Wrote a thorough documentation of the process
- Leveraged Gitlab CI/CD to automatically generate documentation

### What the Git

PERSONAL PROJECT

2021

Home

- Created an application allowing to explain Git CLI syntax
- Used React for the front-end with Typescript
- Managed commands and descriptions locally within a JSON file
- Parsed command-line arguments and flags for rendering on the app
- Generated links to articles for specific Git terminology as they appear in the explanation
- Introduced to working with open-source collaborators

## Professional Experience

### Internship

KTFM

2023

Geneva

- Handled the IT infrastructure of a small business
- Maintained their website
- Implemented a newsletter to seek new clients

### Internship

CERN

July 2016

Geneva

- Learned the basics of Java
- Helped with maintaining Linux server
- Set up machines for the CCC (CERN Control Center)

## Skills

<b>Languages</b>	TypeScript   C#   C   PHP   Dart
<b>Frameworks</b>	React   Vue.js   Flutter
<b>Tools</b>	Nix   Docker   Git   CI/CD   Linux
<b>Databases</b>	PostgreSQL   MySQL
<b>Languages (Spoken)</b>	French (native)   English (bilingual)
<b>Interests</b>	DevOps   FOSS   Music