



# Vitor Vaz Afonso

## Software Engineer

21/03/1996 • C Permit

Chemin du Levant 1 • 1305 Penthalaz

☎ +41(0)77 452 37 61 • ✉ [vitor.vazafonso@gmail.com](mailto:vitor.vazafonso@gmail.com)

Portfolio: <https://vitorva.github.io/portfolio>

## Education

### School of Engineering and Management Vaud - HEIG-VD, Yverdon-les-Bains

Bachelor of Science HES-SO in Computer Science, major in Software Engineering

Sep. 2017 - Sept. 2022

#### Bachelor's Thesis

- VS Code extension for the UON Language, **Rating:** 5.4 / 6

#### Relevant courses

- Object-oriented programming
- Algorithms and data structures
- Web development
- Relational databases
- Software security
- Machine learning

#### Relevant projects

- Journeys - **Fullstack project:** Web application to create and share itineraries, **Rating:** 5.6 / 6 2022  
Made in a team of 5 members for 5 months.
- EasyToolz- **Fullstack project:** Web application to manage and share tools, **Rating:** 5.5 / 6 2020  
Made in a team of 6 members for 5 months.

### ETML, Lausanne

Computer Scientist CFC • Technical Maturity

Aug. 2013 - Jul. 2017

## Experience

### Personal projects

- Varedit - **Fullstack project:** It's a forum website to publish and comment posts. 2022 - now
- Songify - **Front-end project:** It's a music streaming web app using mainly Vue3 composition API. 2022

### Clean Code by Robert C. Martin Lectures

2020

### ENAC-IT EPFL (Internship)

2016 - 2017

- Developed and maintained web applications
- Provided technical assistance
- Managed IT services

## Skills

Languages	JavaScript • TypeScript • Java • C++ • C# • Python • Scala • HTML5 • CSS3 • PHP • Kotlin
Frontend	React • Redux • Vue.js • Vuex
Backend	Express.js • Spring Boot • Maven • GraphQL
Database	MySQL • PostgreSQL • MongoDB • Neo4j
Mobile	Android
Cloud	AWS • GCP • Heroku • DigitalOcean
Devops	Git • Docker • CI/CD • Github pipeline

## Languages

French	Native Language
English	B2