# Vitor Vaz Afonso

*Software Engineer*

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**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 developement
- Relational databases
- Software security
- Machine learning

**Relevant group projects**
- **Journeys - Fullstack project**:
  Web application to create and share itineraries, **Rating**: 5.6 / 6    Sept. 2021 - Jan. 2022
- **EasyToolz - Fullstack project**:
  Web application to manage and share tools, **Rating**: 5.5 / 6    Feb. 2019 - July. 2020

**ETML, Lausanne**

Computer Scientist CFC • Technical Maturity    Aug. 2013 - Jul. 2017

## Experience

**Personal projects**
- **Vareddit - Fullstack project**:
  Forum website to publish and comment posts.    Dec. 2022 - now
- **Songify - Front-end project**:
  Music streaming web application using Vue 3 composition API.    Sept. 2022 - Oct. 2022

**Clean Code by Robert C. Martin Lectures**    Sept. 2020

**ENAC-IT EPFL (Internship)**    Feb. 2016 - Jan. 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 • MangoDB • Neo4j |
| **Mobile** | Android |
| **Cloud** | AWS • GCP • Heroku • DigitalOcean |
| **Devops** | Git • Docker • CI/CD • Github pipeline |

## Languages

| | |
|---|---|
| **French** | Native Language |
| **English** | B2 |