# ANTOINE DRABBLE

## SOFTWARE ENGINEER

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- Swiss & Australian
- 16.05.1995

## ABOUT

I started programming in C when I turned 11. I have been passionate about software development ever since. I love learning new languages, technologies and I have been making all kinds of projects such as fullstack web applications, video games, desktop and mobile applications, machine learning, data mining and cloud applications.

I am very interested in the development of scalable, robust and well architectured applications by applying different techniques such as Microservices, Test Driven Development, Agile Methodologies, Continuous Integration and Delivery.

I am also passionate by playing music instruments, wood working, electronics and other kinds of creative disciplines.

## EDUCATION

**2017 - 2019**  MSE HES-SO
*Master in Software Engineering*

**2014 - 2017**  HEIG-VD
*Bachelor in Software Engineering*

**2010 - 2014**  Kudelski
*Federal VET Diploma in Computer Science*

**2010 - 2014**  EPSIC
*Vocational Baccalaureate*

**2007 - 2010**  Beausobre School
*Secondary School Graduation Certificate, option Maths & Physics, Baccalaureate Track (VSB)*

## EXPERIENCE

**2019 - 2020**  Yadlo
*Yadlo is an association that organises a summer festival every year on the beach of Préverenges. I volunteer to take care of the develpment of the website* **https://www.yadlo.ch***, the networking during the event, designing and sending the newsletters with Mailchimp, handling the web and mail hosting and providing any other IT need.*

**2010 - 2014**  Kudelski
*The Kudelski Group is a global leader in Digital Television, cyber security solutions and Public Access solutions. I have made a 4 years apprenticeship working in each team of the IT department inside the company, such as support, help desk, networking, development, system, etc. Working there, I acquired a lot of knowledge in many aspects of computer sciences and I learnt how to work in the professional world.*

## SKILLS

### Languages
Java, Python, Javascript, Typescript, C++, C, C#, PHP, Scala, SQL, CSS, HTML, VBA, Bash, UML, *(ASM, Haskell, Prolog, Ruby, Perl)*

### Frameworks/Libraries
Spring, Spring Boot, JEE, Django, Symfony 2, Play, Angular, Android SDK, Vue.js, ScalaJS, Jquery, Express.js, Java FX, Socket.IO, AJAX, Cucumber, Mocha/Chai, D3, Mllib, OpenMP, QT, Bootstrap, Hibernate, Tensor Flow, Keras

### Tools
MongoDB, MySQL, SQLite, PostgreSQL Node.JS, Jenkins, Git, Maven, Gradle, NPM, Arduino, Swagger, Grunt/Webpack/Gulp, Solr, RapidMiner, Unity, Unreal Engine, Blender, Wordpress, Photoshop, Illustrator, Premiere

### Cloud
Docker, Kubernetes, Amazon Web Services, Google Cloud, CloudFoundry, OpenStack, Heroku, Hadoop, Spark

### Keywords
Concurrent Programming, Aspect Oriented Programming, Test Driven Development, Behavior Driven Development, Continuous Delivery, Continuous Integration, Agile Methodologies (Scrum, XP), Machine Learning, Data Mining, Cloud Computing, Data Visualisation, Data Management, Mobile Development, Games Technologies, Algorithms, Metaheuristics, Big Data, Concurrent Multicore Programming, Data Structures, Security, Networking, Architectures & Conception Models, Multi-tier.

## LANGUAGES

**French**  First Language

**English**  School, Vocational Baccalaureate, C1 level at HEIG-VD & Constant Personal Training

**German**  School & Vocational Baccalaureate