



1st year MS in CS & Software Engineering at EPITECH

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Frédéric ODDOU

- Passionate, innovative, independent.
- I want to specialize in **architecture** and **cloud computing**.
- Technologies: **C, C++, PHP, Java, C#, Angular, OCaml, Html, css, javascript, mysql, shell, unix, Python, git.**

WORK EXPERIENCE

April 2018 -
August 2018

PagesJaunes SA – Software Engineer Intern

PagesJaunes SA offers local advertising and information services via internet, mobile, and print media.

- Migrating **RabbitMQ** and traceability support to **Microsoft Azure** and **GCP** technologies.
- Developing a **continuous delivery dashboard** using **Angular**.
- Proof Of Concept of **GraphQL** for micro service architecture.



September 2017 -
May 2018

EPITA – Computer Science Teaching Assistant

Epita is an engineering school based on computer science.

- Helping students during the practical works in **OCaml** and **C#** language.



February 2017 -
February 2018

EPITECH – Teaching Assistant

During my studies, I'm also an **assistant** for the new Epitech students.

- Responsible for the training that includes follow up and projects defense.
- Able to **explain concepts** in the field of programming skills (**C, UNIX/Linux, SQL**).



Since November
2014

NetFoxMaking – Freelancer

- Developing web sites for associations and private individuals.
- Managing and developing games by browser.
- Developing scripts and programs on demand.



September 2012 -
August 2015

USL-Badminton – Volunteer

USL-Badminton is a local professional and leisure sports club.

- Development of a website that allows players to register for tournaments.
- Management **newsletter** and **social networks**.
- Creating sportings events for **advertising**.



EDUCATION

June 2019 -
August 2019
(shortly)

UC Berkeley – University of California Berkeley

Summer Session on Computer sciences.

- CS 61A - Structure and Interpretation of Computer Programs
- CS 162 - Operating Systems and Systems Programming



San Francisco, Berkeley, USA

2018-2019
(current)

CSULB – California State University Long Beach

- American Language Institute Certification (ALI)
- CECS 326 – Operating Systems
- CECS 453 – Mobile Application Development
- CECS 475 – Software Development with Frameworks
- CECS 445 – Software Design and Architecture



Long beach, USA

2015 – 2020
(current)

EPITECH – European Institute of Information Technology (GPA: 3.56/4.00)

Innovation technology and computing expertise school.

- Software engineering and computer science classes
- Advanced C & C++, Advanced UNIX Programming
- System security, Java, Infographics programming
- Advanced databases SQL
- Network and OS management



Rennes, France

July - December
2016

EF – Education First

International school for English improvement abroad.

- Intensive course
- SPIN class: TOEIC / Movie / Music / Culture / News / Vocabulary / Business



Education First

Brisbane, Australia

Auckland, New Zealand

TECHNICAL EXPERIENCE AND PROJECTS

Since March
2018

PicChase – Architect developer

Final school project for three years consisting to relate journalist and particular user to sell an event picture for magazine.

- Developing **microservice architecture** using **Laravel** and **Symfony** for the back end of the application.
- Front-end development using **MDBootstrap** and **Symfony 4**.
- Testing environment with **Gitlab CI / Jenkins**.

June - July 2017

Zappy – Lead developer

Group project to gather all the knowledge acquired during the two years of Epitech.

- **Network**, memory, **AI** and **graphics** combined in **C / C++**.
- Adding an administrator management to the web server.

January 2016 –
October 2017

Epirank – Creator

After the collection of the Epitech students information, the website can sort the students with many orders.

- Synthesize student tracking information.
- Module of follow up for all students used by administration.

April - June 2016

42sh – Lead developer

The 42SH is a Epitech project. This is to reproduce a **UNIX shell** in **C**.

- Management of simples commands, pipes and redirects, scripting, process management.
- I have acquired a lot of knowledge in running linux such as **management of subprocess**.
- I have managed the missions and **deadlines** of a team.

Since 2010

NetGame – Creator

Browser gaming platform that reference Ogame. I have developed a private server with the demands of their players for a better gaming comfort using php, mysql.

- Management of a **support team**.

Since 2013

NetCMS – Creator

A web interface that allows customers to easily configure their website.

- This is a base that allows easy installation of modules with an optimized **framework (Symfony 4)** and **template** management with Twig.
- **SEO referencing** and **material design**.
- Technologies used: PHP7 / Mysql – HTML5 / CSS / JS – Symfony 4 – Twig.

2011 - 2012

Funodio – Creator

With my passion for music, I developed a web radio with a music streaming service.

- Development depends on **API**.
- With more than 100 auditors, we increased the size of the team.
- Technologies used: PHP / Mysql – HTML / CSS / JS.