



Romain Olivier

Computer Science Student

PROFILE

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LANGUAGES

French Native	English Upper-Intermediate to Advanced (B2/C1)
Japanese Total Beginner	

INTERESTS AND ACTIVITIES

Computer Science & Programming

Music Composition & Practice

OpenSource Project Contribution

Nippon Art & Culture

Art Discovery & Understanding

Learning New Things (Science, Technologies, Culture,...)

ABOUT ME

- Young and dynamic passionate programmer.
- **Fast-learner and eager to learn** .
- **Autonomous** learner who likes to stay informed about new technologies.
- **Curious and passionate** especially in technologies and Computer Science.
- Happy and collaborative **team-worker** yet an **autonomous** worker at the same time.
- Undertook collaborative OpenSource projects and work placements in the well-known company Dalkia.
- OpenSource optimist, love to share knowledge and **learn from different experiences** and various programming languages.
- **English speaker** and learner, I like to communicate in English and I practice everyday with friends from all over the world and on the Internet.

EDUCATION

University Institute of Technologies Clermont-Ferrand (September 2019 - Present)
DUT (2y University Diploma) Computer Science

Ongoing, in my Second year.
Brings me technical abilities (code, technics and execution), theoretical abilities (data structure,algoritihms,...) and a lot of soft habilities (organisation, responsibilities, creation and project leading)

The subjects we learn are:

- **OOP**
 - **Architecure**
 - **Algoritihms and Data Structure**
 - **Operating Systems**
 - **Data Base**
 - **Networks & Communication Systems**
 - **Human Computer Interfaces and Methodology for Application Development.**
- All these subjects are learned through Projects and Theoretical Learning.

Lycée Théodore de Banville (High-School) -- Moulins sur Allier (France) (September 2016 - June 2019)

Bac *Baccalauréat* High Honours

Scientific *Baccalauréat*(Equivalent to A-Level/High-School Exam) obtained with high honours (equivalent to 3.7gpa)

Main Subject studies were Math, Physics, Chemistry, Biology

WORK EXPERIENCE

Dalkia (EDF's subsidiary company focused on Energy selling and optimisation) // LYON (August 2020 - August 2020)

FrontEnd Web & Tools Developer

DUTIES:

- Setting up and Managing a **Web Application**
- Managing Data fetched from Counters and remote control
- Processing big amounts of data to generate graph visualization
- Optimizing web app following limitation rules (2G)
- Testing and Evaluating users usage and needs
- Creating tools with different app-specific Frameworks/APIs (GSuite,...)
- Learning new technologies on the go

Working with web developement, limitation and optimisation, communication, tester's return and adaptation, multiple tools and environements.

This job enabled me to learn how to work with FrontEnd Web applications, how to set and manage a workflow to collaborate with people.

I also learned a lot about Communication and how to work with a lot of different profiles (CoWorker, Superior, Client, User) to create something that will fulfill everybody needs.

Dalkia (EDF's subsidiary company focused on Energy selling and optimisation) // LYON (July 2020 - July 2020)

MultiPlatform App Developer

DUTIES:

- Setting up and Managing a **MultiPlatform Application for Mobile**
- Processing and Managing xlsx Data from a Mobile Platform
- Producing PDF render out of informations from a Mobile Platform
- Interacting with API
- Testing and Evaluating users usage and needs

Handling multiplatform software developement, communication, tester's return, adaptation to growing needs.

As a result of this experience, I've learned how to be structured and how to keep my project clean and understandable. I also learned a lot about Communication and how to work with a lot of different profiles (CoWorker, Superior, Client, User). I've learned to adapt to changes quicker, to adapt and handle various situations, to be more reactive.

SKILLS

C# (.NET Core/Framework/Standard & Xamarin Forms/iOS/Android)

Good -- Learned during various projects such as a Xamarin Forms app and a final Project in .NET Core

C/C++

Learning -- Learned in school for Advanced Algorithms and self-study with advanced algorithms and data structure

Python

Good/Beginner -- Learned by myself for Maths, Machine Learning, Deep Learning and Artificial Intelligence

TeamWork

As an OpenSource Collaborator, through School Projects and working in an OpenSpace, I've learned how to work in team

Adaptation

Easily adapt to new environnement and all kinds of situations and know how to manage stress and pressure. Learned through my work experiences and my school projects

Communication

Good -- Talking and sharing a lot through the Internet and in real life I like to share with others and easily fit in new groups whatever the language

Javascript & Framework (React/JQuery/NodeJs/...)

Good -- Learned through various projects such as a FrontEnd app for data visualization for Dalkia and multiple websites in ReactJS (Hooks)

Java

Good/Learning -- Learned basics of OOP with this language and deepened on various projects, collaboration and Game Developement

Hacking Tools & Security

Beginner -- Learned ropes by solving CTF's and PwnBox and participating in Hackathon

Autonomy

Good -- Self Learner and Resourceful, I had to learn by myself in multiple situation (working on projects alone, learning new technologies or subjects)

Remote Working

Remote worker for a part of my work experience and a signifiant portion of my 1st year in Comptuer Science due to pandemic

Driving Licence

Obtained in 2019

PROJECTS

React SkillSet September 2020
<https://github.com/romain325/ReactSkillSet>

This project aims to help everybody to get a really simple and smooth Skill Tree to show what they do
As I was working with another version on GitHub I decided to recreate it on my own and make it relevant for the ReactJS framework.
This project has been made to understand and control the Data Visualisation framework called D3.

Romind
<https://github.com/romain325/romind>

The new Version of my website that I'll later use as a Portfolio,
this website is built in ReactJS with a NodeJS BackEnd.
It is online with Heroku.

Probe Project

This project as been made for Dalkia to create a fully automated process of Certification creation for the people working on the spot.

Beer App
<https://github.com/romain325/Projet1A52>

This project was created for my 1st Year project and is a beer searcher.
You can discover new beer by going through a list of selected beers that match your different criteria and tastes.
This was programmed in C#.NET Core

REFERENCES

Lois Nicoletti
IoT Department Manager
Contacts on demand

Michelle Conry-Fidone
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