Julien Déoux

software engineer

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🔗 in/julien-deoux   ○ lem4ki   ◎ Lemaki

young developer with strong interest in everything interface and design-related

Skills and interests

Programming languages and technologies

JS · Angular · HTML5 · CSS3 · Java · Python · C

Natural languages

🇫🇷 Native

🇬🇧 Fluent

Other skills

- comfortable with relational databases (MySQL, DB2)
- good knowledge of Linux systems
- regular use of image manipulation software (GIMP, Inkscape) and music composition software (Reason, Podium, Ardour, Cakewalk)

Interests

- has played the piano and composed music for 15 years, currently learning the guitar
- had some minor experiences in cinema (both acting and directing) and would love to reiterate
- dabbled a bit in photography

Education

Viveris Technologies
Nancy, France

Angular training course (4 days) — 2018

Learned the basics of Angular 5 (use of angular-cli, two-way data binding, form validation, routing)

TELECOM Nancy
Villers-lès-Nancy, France

Engineering degree (MSc equivalent) in computer science — 2014-2017

Specialisation in software engineering

Lycée Victor Hugo
Besançon, France

Classe préparatoire aux grandes écoles — 2011-2014

Specialisation in maths and physics

Lycée Louis Pasteur
Besançon, France

Baccalauréat — 2009-2011

Specialisation in science

Experience

French Ministry of Education
Nancy, France

Fullstack developer — 2017-now

Maintained a web application to assign students to a high school based on parameters of various and customisable weights. Designed new features in a team of three, implemented and tested them, diagnosed and fixed bugs and tried to keep the code up to date in terms of methods and librairies.

- Proposed a methodology to incrementally get rid of an old MVC framework (Struts 1) to replace it with a front-end framework such as Angular or Vue.
- Carried out a complete update of all the librairies used by the application to transition from Java 7 to Java 8 in a team of two.
- Assisted the team with JS and CSS-related questions.

Started the design and development of a new application from scratch in a team of four, which will enable all french students to apply for multiple high schools. Engaged in all steps of the product development process.

Java, Spring, Hibernate, Quartz, Javascript, Vue, Angular, CSS

Starburst Computing
Vandœuvre-lès-Nancy, France

Internship (5 months) — 2017

UX Design for a smart gaming solution
Designed a graphical user interface to help players use multiple devices at the same time, developed it on desktop platforms and made a prototype for Android.

Javascript, Electron, React, Android, UX theatre, gRPC

TELECOM Nancy
Villers-lès-Nancy, France

Industrial project (~130 hours) — 2016-2017

Designed and developed a web application to manage and monitor the workflow of the intership process, in a team of three people. Focused on the development of a RESTful API to compute non-working days in a given period and on the deployment of the full application.

Bonita BPM, PostgreSQL, Python, Docker, POC

Starburst Computing
Vandœuvre-lès-Nancy, France

Research project (~80 hours) — 2016

Designed a unified API to detect and communicate with different intelligent objects in a team of 2 people, started implementing it in Node.js.

Node.js, API design, IoT

TELECOM Nancy
Villers-lès-Nancy, France

School project (~20 hours) — 2015

2D platform game (metroidvania)
Designed the physics engine of the game and a bit of the graphics in C using the SDL library, among a team of 3 people. Composed the soundtrack for it.

C, SDL, Music

Associations

TELECOM Nancy
Villers-lès-Nancy, France

Head of the clubs — 2016

Supervised 24 clubs and verified their compliance to the association and the school's rules, and gave advice to new members of the clubs' organising staffs.

Relations, Legal, Management

TELECOM Nancy
Villers-lès-Nancy, France

President of the cafeteria — 2015

Managed a cumulated 40.000€ worth of stock and coordinated the preparation of up to 100 meals a day, for one year. Led a team of 10 people. Helped maintain the ordering and stock management server.

Management, Logistics, Operations