Julien Déoux

SOFTWARE ENGINEER / WEB DEVELOPER

Contacts

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Languages

French - native

English - C2
(efset.org/cert/N18Soj)

Technologies

- Javascript
- Python
- HTML
- CSS
- Vue
- React + Redux
- Angular
- Node.js
- Java

Frontend development

From **May** to **July 2020**, helped with UI design and implementation for new features in **HeliosX**'s e-commerce applications using **Vue** and **vanilla Javascript**.

From **October 2019** to **April 2020**, has been using **HTML**, **CSS**, **vanilla Javascript** and **jQuery** to build enterprise-grade chemistry applications for **Dotmatics**.

From **January** to **September** of **2019**, used **Angular 8** and **CSS** to design and build the *Téléservice d'Affectation* for the **French Ministry of Education**, a web application to help middle schoolers' parents find and choose a high school for their children.

In **early 2018**, used **Vue** to succesfully embed a dynamic form into a legacy **JavaEE** application for the **French Ministry of Education**.

From **April** to **September** of **2017**, as an intern at **Starburst Computing**, used **React**, **Redux** and **SASS** inside **Electron** to build a prototype for a customer-facing desktop application.

Since my graduation in **2017**, has been using **HTML** and **CSS** for all my CVs.

Backend development

From **December 2017** to **September 2019**, maintained a **JavaEE** application for the **Ministry of Education**. This application is used by every region in France to assign middle schoolers to high schools (or equivalent) using a variety of customisable criteria such as grades or location. Technologies used include **Spring**, **Hibernate**, **Quartz**, **IBM DB2** and **Apache Struts 1**.

During a school project in **early 2017**, developed a small HTTP service using **Python**, whose goal was to compute the number of non-working days between two given dates.

During a school project in **early 2016**, developed a prototype for a **Node.js** API whose aim was to provide developers with a standard way of detecting and controling IoT devices regardless of vendor or network technology used (Bluetooth, LAN...).

Timeline

Sep 2021 - today   Anacours
Private teacher
English and maths

Oct 2021 - Nov 2021   Lycée Louis Armand
Substitute teacher
Computer science

Oct 2020 - Jun 2021   Super U
Drive-through employee

May 2020 - Jul 2020   HeliosX
Frontend developer

Oct 2019 - Apr 2020   Dotmatics
Frontend developer

Oct 2017 - Sep 2019   Altran Technologies
Junior consultant engineer
Mission at the French Ministry of Education

Apr 2017 - Sep 2017   Starburst Computing
Intern

Sep 2014 - Sep 2017   TELECOM Nancy
Engineering degree

Miscellaneous

From **October** to **November 2021**, taught computer science as a substitute teacher at the **Louis Armand technological high school** in Paris.

Since **September 2021**, have been private teaching maths and English to middle and high schoolers.

From **September 2020** to **June 2021**, prepared drive-through orders in a supermarket during a Covid-fueled rise in demand.

In **July 2019**, to help with work for the **Ministry of Education**, developed a small **Python** tool to automatically cleanup **SVG** files generated by drawing software such as Inkscape for them to be embedded into HTML pages or Angular templates. Still using **Python**, developed a second tool to add Angular directives to those files to make an interactive map.

From **late 2018** to **September 2019**, created and maintained a **Python** script to automatically set up a functional development environment for new Linux developers in the **Ministry of Education** and onboard them more easily.

As part of a school project in **early 2015**, developed the graphics and physics engine of a 2D platformer using **C** and the **SDL** library. Also wrote and produced the **soundtrack** for the game.

Throughout 2015, as president of **TELECOM Nancy**'s cafeteria, managed a cumulated 40.000€ worth of stock and coordinated the preparation of up to 100 meals a day. Led a team of 10 people.