

Jérémy Foucault

5th year Student Engineer in computer science

Profile

Jérémy Foucault
French

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Languages

French : Native proficiency
English : Professional working proficiency (TOEIC 950/990)
Spanish : Limited working proficiency

Programming skills

C : ★★★★★★
CSS3 & HTML5 : ★★★★★★
JS & jQuery : ★★★★★☆
Ruby on Rails : ★★★★★☆
PHP & Laravel : ★★★★★☆
PhoneGap : ★★★★★☆
Java : ★★★★★☆
C++ : ★★★★★☆
iOS SDK : ★★★★★☆
Android SDK : ★★★★★☆
Python : ★★★★★☆

Source control system

SVN : ★★★★★☆
Git : ★★★★★☆
TFS : ★★★★★☆

Operating Systems

OS X : ★★★★★★
Linux : ★★★★★★
Windows : ★★★★★☆

Image editing

Photoshop : ★★★★★☆
Illustrator : ★★★★★☆

Office suite

Microsoft Office : ★★★★★☆
LateX : ★★★★★☆
OpenOffice : ★★★★★☆

Education

2012–2015

Bordeaux Graduate School of Engineering

ENSEIRB-MATMECA, Bordeaux, France

Completing fifth year of higher education in computer science. 5-year engineering degree (Master of Science equivalent) expected for september 2015. Studying all aspects of computer science, including theoretical and technical foundations of computing, project management, software development...

2010–2012

Preparatory course for French Grandes Écoles

Vaucanson High School, Tours, France

A two year intensive Math and Physics course in preparation for the selective entrance examination to French engineering schools.

2010

Baccalauréat S.SI

Grandmont High School, Tours, France

"Baccalauréat S.SI" equivalent to High School Diploma, first class honours. Study mainly scientists disciplines, and basics of mechanics and electronics.

Projects

10-01 2014

Mobile Application to interact with iBeacons

Orange / Enseirb-Matmeca

With a team of six students, we found an innovative use case for iBeacon technology, and we developed a mobile application with PhoneGap.

07-08 2014

Automatic watering system

Using arduino board and 4 solenoid valves, I built an automatic watering system. Combined with homemade RF light and soil moisture sensors, the system can water the right thing at the right time.

02-05 2014

Basic P2P tracker and client

Enseirb-Matmeca

In a 4-member team, we developed a C P2P tracker and a P2P client able to exchange files (music, text, images) with another client. It was developed in Java following OOP principles and practice.

2013-2014

RoR web-app and RF signal processing

Ecobox / Enseirb-Matmeca

In a 7-member team we developed a solution to demodulate and decode RF signal from transmitters in C++ language and a web-app for desktop and mobile with Ruby on Rails framework.

03-06 2013

Carcassonne game

Enseirb-Matmeca

Board game Carcassonne written in C language with a SDL based graphical user interface and an AI using minimax algorithm.

01-06 2010

"Golfer Robot"

Grandmont High School

Designed and built, with 3 teammates, a line follower robot able to carry a ball, and push it in a hole. We competed in a regional robotics challenge

Experience

06-09 2014

Tornos SA, Moutier, Suisse

Internship

Spent four months at the R&D Software department where I was in charge of new WebStore development. I used Laravel PHP framework to develop front-end and back-end, a small CMS to manage multilingual content and a system to manage software activation. (store.tornos.com)

07-08 2013

STMicroelectronics SA, Tours, France

Internship

Spent two months in clean room where I worked with a team of operators and discovered the manufacturing process of electronic components.

01-08 2013

Talvern - Bed&Breakfast website

Freelance

Designed and coded a website for a Bed&Breakfast in Brittany. Many technologies used, such as PHP&MySQL, HTML5, JavaScript, Ajax to provide the best user experience on PC and mobile. (chambre-morbihan.com)

July 2012

Cash Express, Chambray-les-tours, France

Summer Job

A month at the computer department of this store where used equipment is sold and bought. Repaired computers and advised customers.