






Loula BECK

Junior Engineer in Embedded Softwares and Systems looking for a job starting in October 2018

 Date of birth 03/08/1995
 loula.beck@gmail.com
 44 Avenue du General Leclerc
F-54500 Vandoeuvre-Les-Nancy
 Driving licence (B)
 (+33)659594514

Education

Master of Engineering in Embedded Softwares and Systems / [INP-Ensimag](#) Grenoble
2018

Bachelor in Physics, Electronics and Telecommunications / [INP-Phelma](#) Grenoble
2016

PCSI/PC / [Henri Poincaré](#) Nancy
From September 2013 to June 2015

"Classe Préparatoire aux Grandes Écoles" :

- Intense training to enter Engineering Schools

Baccalauréat (A levels) / [Gerville Réache High School](#) Guadeloupe
2013

Option : Physics-Chemistry
With honor

Work experience

Embedded Software Intern / [SES Networks](#) Betzdorf, Luxembourg
From February 2018 to August 2018

RoadSides Unit Project, connect moving or parking vehicles with a fixed communication structure via a wireless link :

- Raspberry Pi's : ssh/scp protocol and Bluetooth authentication
- LoRa : connecting sensors (with LoPy devices) to Raspberry Pi
- Python : scripts & GUI
- Microservices using MQTT
- Web interface : HTML/CSS/js using MQTT & HTTP
- Semantic & ontology
- Thingspeak Cloud

Embedded System project / [Grenoble INP - Ensimag](#)
From October 2017 to January 2018

Creation of a 3D-Mono camera with 2 teammates :

- C++ / Catapulte

Engineering Assistant / [CGI](#) Lyon
From April 2017 to June 2017

Creation of a connected barbecue with a Raspberry Pi


- Microsoft Azure Cloud / Python / basic Electronic

Software engineering project / [Grenoble INP - Ensimag](#)
January 2017

Implementation of a Compiler of a sub-language of Java with 5 teammates


- Agile software development / Java / Option : generate ARM code

Computer skills

Java



C/C++


Python


JavaScript


SQL


Git


HTLM/CSS


Skills

Other programming languages known : ARM, VHDL, ADA, x86 Assembly, Bash, Unix, LaTeX

Programming Software : Eclipse, Pycharm, WebStorm, Github, Atom (pymakr), Overleaf

Languages

English


Fluent - Certification
BULATS C1

French


Mother Tongue

Interests

Video Final Cut Pro

Music Piano : played for 5 years
Ukulele : Self taught

Sport Surf : played for 5 years to a competitive level

 @becklo

 @Loula Beck