



Léo Margontier

CLOUD ENGINEER

PROFILE

Determined, fast learner and adaptable cloud engineer

Amsterdam, NL



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Driver's license

Skills

Software Skills :

GCP - Terraform - C - C++ - Python - Java - SQL - kubernetes

Embedded Systems Skills :

Linux - Embedded C / Python - PCB

Project Management

Tools :

VS code / Vim / Git / EAGLE / ISIS / MATLAB / PROTEUS / MPLABX

CERTIFICATIONS

GOOGLE : Google Cloud Associate (2023)

LANGUAGES

English : *Working proficiency*

French : *Native proficiency*

ADDITIONAL WORK

- Implemented a desorbitation module on a small experimental satellite using an electronic tether and Matlab/Python for emulation.
- Award winner (STARTIN'ESS contest / Paris/ 2017-2018) for a gaming application to foster senior mobility using Raspberry Pi and Python.
- Completed various personal and school projects including building a server and website, and implementing algorithms in C, C++, and Java on Linux.

RELEVANT EXPERIENCE

Cloud Engineer

Devoteam G Cloud / France / Feb 2023 - Jun 2023

- Deployed GCP infrastructure using Terraform
- Completed Kubernetes, VM migration and GCP infrastructure training through Devoteam University and Google

Test & Commissioning Engineer

ALSTOM / Netherlands / Jul 2022 - Feb 2023

- Testing BRN and IXL on GVB railway (new **telecommunication technology**)

Embedded systems project manager / CDO

PYYLATI OY / Finland / Nov 2020 - Jul 2022

- Establish and manage 2 IT teams of 6 people in India (**R&D**).
- Project : Marketplace with cryptocurrencies and exchange of data in **Java** using **GCP**.
- Developed the **location device (RTK)** on the electronic blasting system and the initiating machine, in the north of Finland (**Prototyping**)

Embedded Electronic Engineer

NANOE / Madagascar / Mar-Aug 2019

- Power electronics **Buck/Boost converters**
- Elaboration of a **MPPT converter** and **buck/boost bidirectional converter** (R&D)
- PIC programming - **C/ASM - MPLABX**
- Printed circuit board design - Eagle

Software Engineer

EPC Groupe / France / Jun-Aug 2018 – Jun-July 2017 – Dec. 2016-Jan 2017.

- **Delaunay triangulation** and **genetic algorithm** in **Python, Delphi & C**
- Work on neural network for image analysis
- Prototype probe to measure tilt and orientation using **Raspberry Pi / Python**

EDUCATION

Master's Degree General Engineering Diploma , Embedded Systems, Software Development

Ecole Centrale d'Electronique, Paris - 2014-2019

- Minor : Aviation & Business Engineering

Advanced Programming and Macroeconomics Courses in South Korea

Keimyung University, Daegu – 2016

Bachelor's degree, scientific option

Lycée Charles de Foucault, Paris - 2011-2014