ARTHUR BENZAQUIN

191 route du vieux pont | 06480 La colle sur loup, FRANCE

(+65)94828675 ⬦ benzaquinarthur@gmail.com ⬦ 05/08/1995 (24 ans) ⬦ French

EDUCATION

Ecole Polytechnique Fédérale de Lausanne, EPFL	09.2013 - 06.2019

Master 2 cycle in robotics with minor in Management & Entrepreneurship.   *Lausanne, Switzerland*
Bachelor in Microengineering.
Relevant courses : *Machine learning, Deep learning, Data science in practice,*
Image processing, Micro-informatics, Sensors, Mobile robots, Product design.

OBJECTIVE

Final year master at the Ecole Polytechnique Fédérale de Lausanne (EPFL), I am looking for a company to complete a master thesis in the field of Machine Learning with a preference for Finance or medical subjects.

WORK EXPERIENCE

IoT Firmware development Intern, Robert Bosch (INST)   08.2019 - ####
· Development of algorithm and deployment in Javascript.
· Software deployment automation. System troubleshoot   *Singapore, Singapore*

System architecture Intern, Bosch Visiontec   08.2017 - 12.2017
· Benchmark of CNN accelerators performance.   *Sophia Antipolis, France*
· Study the feature extraction layers. Interact with the IP providers.

Ecole Polytechnique Fédérale de Lausanne, EPFL   02.2016 - 06.2019
· Teaching Assistant in Electronic practical exercises and physics courses.   *Lausanne, Switzerland*
· Helping students get a better grasp of the material. Grading exams.

PROJECTS

Greenhouse monitoring (EPFL, BIG Lab)   09.2018 - 01.2019
Prototype development of a connected greenhouse monitoring system.
Development of stereo images based algorithms to monitor basilic phenotyping.

Lausanne Racing Team | Head of Electronics Department   02.2018 - 06.2018
Team recruiter and manager. Setup goals and schedule of team tasks.

SKILLS

Programming	Python(*DL* : Pytorch, sckitlearn, *Data* : Panda, Numpy, matplotlib), C, Java
Software & Tools	MS Office, Latex
Languages	French (Mother tongue), English (C2), Spanish (B2)

AWARDS & ACHIEVEMENTS

Best energy harvesting while walking product design project. (EPFL/2018).

Innosuisse startup training award. (EPFL/2019).

REFERENCES

Dr. Adil Koukab (EPFL) - Mr. Filip Moermann (Bosch)
The recommandation Letters are availables on demand