

# ARTHUR BENZAQUIN

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## EDUCATION

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### Ecole Polytechnique Fédérale de Lausanne, EPFL

09.2013 - 06.2019

Master 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.*

### Lycée Henri Matisse

09.2010 - 06.2013

High school diploma with honors.

*Vence, France*

## OBJECTIVE

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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 data science/Machine Learning with a preference for sport or medical/biological subjects.

## WORK EXPERIENCE

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### System architecture Intern, Bosch Visiontec

08.2017 - 12.2017

- Benchmark of CNN accelerators performance.
- Study the feature extraction layers. Interact with the IP providers.

*Sophia Antipolis, France*

### Ecole Polytechnique Fédérale de Lausanne, EPFL

02.2016 - Now

- Teaching Assistant in Electronic practical exercises and physics courses.
- Helping students get a better grasp of the material. Grading exams.

*Lausanne, Switzerland*

## PROJECTS

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### Monitoring plant phenotyping by time-lapse video (EPFL, BIG Lab)

09.2018 - 01.2019

Design of a low-cost stereo camera.

Prototype development. Analysis of images using CV methods.

### Lausanne Racing Team | Head of Electronics Department

02.2018 - 06.2018

Team recruiter and manager. Schedule of team tasks.

## SKILLS

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### Programming

Python(Pytorch, Numpy, matplotlib), C, Java

### Software & Tools

MS Office, Latex

### Languages

Bilingual French & English, Spanish basis

## AWARDS & ACHIEVEMENTS

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Award of the most marketable product, Product & Design course (EPFL).

## REFERENCES

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Dr. Adil Koukab (EPFL) - Mr. Filip Moermann (Bosch)

The recommendation Letters are availables on demand