

MICHEL OMAR AFLAK

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EXPERIENCE

Zenly, Paris — *Software Engineer Intern*

April 2020 – Aug 2020

- Developed a graphic tool library on Android (Kotlin) allowing to draw, animate, write text and play GIFs on top of images and videos, including an undo/redo framework: in production work.
- Improved video encoding settings.

Twitter, London — *Software Engineer Intern*

Jun 2019 – Sept 2019

Worked with Media Client Infrastructure team. Improved video quality on high speed networks by developing a bitrate prediction model. A/B tested on 6M users, observed an increase in ads revenue by +0.56%, # of retweets by +0.74%, # of likes by +0.25%. *Used Python - matplotlib, seaborn, pandas ; Objective-C.*

RandomCoffee, STATION F Paris — *Software Engineer Intern*

Dec 2018 – Feb 2019

- **RandomCoffee** get employees in a company to meet each other based on their preferences. Generalized the way of expressing matching rules.
- Developed a matching algorithm which respects constraints and allows multiple people to match together instead of only 2 previously. *Used Python - django, matplotlib, pandas ; NodeJs - express, Docker.*

Tribe, Los Angeles — *Machine Learning Intern*

Jan 2018 – Feb 2018

Tribe is a live-cam mobile app with embedded AR games. Developed a mobile embedded machine learning model able to recognize hand gestures. *Used Python - tensorflow, keras.*

EDUCATION

Ecole Centrale d'Electronique de Paris – *Engineering School*

Sept 2017 – Present

Graph Theory, Math Analysis, Operating Systems, Network

INSEEC London – *Engineering School*

Sept 2018 – Dec 2018

Image Processing, NLP, Blockchain

Institut Supérieur d'Electronique de Paris – *Engineering School*

Sept 2016 – Jul 2017

Control Theory, Calculus & Linear Algebra

AWARDS

France Engineering Olympiad — *Schneider Electric, Paris*

May 2016

“*Best Scientific Innovation*” award. 6th national place, 2nd regional place. Arrow impact prediction system.

Paris Engineering Olympiad — *GRDF, Paris*

May 2015

3rd regional place, reached national competition. Gyroscopic mouse designed to filter essential tremors (movement disorder).

SKILLS

Programming	C++, Java, Kotlin, Python, NodeJs, Javascript
Tools	Git, Shell, Firebase, LaTeX, Make, CI, Docker
General	Mathematics, Machine Learning

LANGUAGES

French	Fluent
English	Fluent
Arabic	Fluent