

MICHEL OMAR AFLAK

Paris, France

(+33)630924591 ♦ aflakomar@gmail.com

github.com/omaraflak ♦ medium.com/@omaraflak

EDUCATION

Ecole Centrale d'Electronique de Paris – <i>Engineering School</i> Graph Theory, Math Analysis, Operating Systems, Network	Sept 2017 – <i>Present</i>
INSEEC London – <i>Engineering School</i> Image Processing, NLP, Blockchain	Sept 2018 – Dec 2018
Institut Supérieur d'Electronique de Paris – <i>Engineering School</i> Control Theory, Calculus & Linear Algebra	Sept 2016 – Jul 2017

EXPERIENCE

Software Engineer Intern — <i>Zenly, Snapchat</i> Developed a complete graphic tool library on Android allowing to draw, animate, write text, play GIFs, etc. on top of images and videos, including an undo/redo framework. Improved video encoding settings. <i>Used Kotlin.</i>	Paris, France April 2020 – Aug 2020
Software Engineer Intern — <i>Twitter</i> 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%. <i>Used Python - matplotlib, seaborn, pandas ; Objective-C.</i>	London, UK Jun 2019 – Sept 2019
Software Engineer Intern — <i>RandomCoffee</i> <i>RandomCoffee</i> get employees in a company to meet each other based on their preferences. Modularised the way of expressing matching rules. Developed a matching algorithm that allowed to match several people together instead of only 2 previously. <i>Used Python - django, matplotlib, pandas ; NodeJs - Express, Docker.</i>	STATION F, Paris Dec 2018 – Feb 2019
Machine Learning Intern — <i>Tribe</i> Tribe is a live-cam mobile app with embedded AR games. Developed a mobile embedded machine learning model able to recognize user hand gestures. <i>Used Python - tensorflow, keras.</i>	Los Angeles, CA Jan 2018 – Feb 2018

WHERE I PUBLISH ONLINE (CLICKABLE LINKS)

Github	PlayStore
Medium	CauseYoureStuck
StackOverflow	LinkedIn

AWARDS

France Engineering Olympiad — Schneider Electric “Best Scientific Innovation” award. 6th national place, 2nd regional place. Arrow impact prediction system.	Paris, France May 2016
Paris Engineering Olympiad — GRDF 3rd regional place, reached national competition. Gyroscopic mouse designed to filter essential tremors (movement disorder).	Paris, France May 2015

SKILLS

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

EXTRACURRICULARS

Interests	Education, Writing, Blockchain, Design
Other Hobbies	Skateboarding, Ping-Pong, Drawing

LANGUAGES

French	Fluent
English	Fluent
Arabic	Fluent