# MICHEL OMAR AFLAK

Paris, France

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## 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

## EXPERIENCE

**Software Engineer Intern** — *Twitter*                   London, UK
Worked with Media Client Infrastructure team. Improved video quality on high speed networks by developing a bitrate prediction model. Increased # of retweets by +0.73%, # of likes by +0.44%.                   Jun 2019 – Sept 2019

**Software Engineer Intern** — *RandomCoffee*                   STATION F, Paris
RandomCoffee 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.                   Dec 2018 – Feb 2019

**Machine Learning Intern** — *Tribe*                   Los Angeles, CA
Tribe is a live-cam mobile app with embedded AR games. Developed a mobile embedded machine learning model able to recognize user hand gestures.                   Jan 2018 – Feb 2018

## WHERE I PUBLISH ONLINE (CLICKABLE LINKS)

| | |
|---|---|
| Github | PlayStore |
| Medium | CauseYoureStuck |
| StackOverflow | LinkedIn |

## AWARDS

**France Engineering Olympiad** — **Schneider Electric**                   Paris, France
*"Best Scientific Innovation"* award. 6th national place, 2nd regional place. Arrow impact prediction system.                   May 2016

**Paris Engineering Olympiad** — **GRDF**                   Paris, France
3rd regional place, reached national competition. Gyroscopic mouse designed to filter essential tremors (movement disorder).                   May 2015

## SKILLS

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

## EXTRACURRICULARS

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

## LANGUAGES

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|---|---|
| **French** | Fluent |
| **English** | Fluent |
| **Arabic** | Fluent |