

Taqiyeddine Sakmeche

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EDUCATION

UNIVERSITY PARIS DIDEROT
 CYCLE PRÉPARATOIRE AUX ÉCOLES
 D'INGÉNIEURS
 Grad. June 2016 | Paris, FR

CCP DEUG
 TOP 20 OUT 1000+ PARTICIPANTS
 Maths/Physics Contest
 Jun 2016 | Arcueil, FR

INSA ROUEN
 MENG IN MATHEMATICS
 Expected Dec 2019 | Rouen, FR

LINKS

[Http://taqiyeddine.sakme.ch](http://taqiyeddine.sakme.ch)
 Github:// [alaxa27](#)
 LinkedIn:// [taqiyeddine](#)

SKILLS

PROGRAMMING

Over 5000 lines:
 Python • JavaScript
 NodeJS • HTML5 • CSS3
 ReactJS
 Over 1000 lines:
 React Native • Android • C

MACHINE LEARNING

Tools:
 TensorFlow • Keras
 Scipy • Pandas

DEV OPS

Solid:
 GoogleCloudPlatform • Docker
 Parallel Computation • Unix/Shell

EXPERIENCE

AIPCLOUD | FULL STACK ENGINEER + DEEP LEARNING ENGINEER

Jul 2017 – Nov 2017 | Paris, FR

- Developed whole infrastructure to support our API on a docker container in a cloud instance
- Developed multiple front-end demos in ReactJS + Firebase + Cloud Functions
- Developed machine learning models with state-of-the-art results that led to publishing a paper

JDC | SOFTWARE ENGINEER & TEAM MANAGER

May 2017 – Dec 2017 | Paris, FR

- Sales prospection
- Exec meetings with **IBM** and **Leclerc**
- Pitched our skills -> obtained contracts
- Hired/Managed interns to work on the contracts with us

AJIR | HARDWARE ENGINEER

Nov 2016 – May 2017 | Paris, FR

- Built platform with captive portal on RaspberryPI + MSM310 controller
- Struggled to make AP Controller, DNS server and Docker work together...
- Developed Django app to work on this hardware

MAORI PRESTIGE | TRAFFIC MANAGER & TEAM MANAGER

Jun 2015 – Jul 2015 | Salon International de L'Aéronautique, FR

- Promoted to managing team of 11 in <2 weeks
- Managed the shifts/gear of my team

RESEARCH

AIPCLOUD | RESEARCH ASSISTANT

Oct 2017 – Present | Paris, FR

Worked with **Maxime Jumelle** to write **Speaker Clustering With Neural Networks And Audio Processing**, a paper with state-of-the-art results on the task of speaker diarization. I notably provided easy to use multi processing environments in the cloud to train models on. I also implemented a recent hot paper from **Geoffrey Hinton**: **Dynamic Routing Between Capsules**.