

# Antoine Marandon

Full stack mobile developer

## Contact

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## Links

Github: ntnmrndn  
StackOverflow:  
1485230

## Personal

**Birthday**  
October 11 1988

**Nationality**  
French

**Visa status**  
Japanese engineer visa

## Education

2008-2013  
**Master's degree** of Computer Sciences  
5 years courses  
EPITECH, Paris

2011-2012  
**Exchange Student** at Chung-Ang University  
Computer Sciences courses  
Seoul, South Korea

## Experience

### Eureka, Inc

July 22th 2019 – Now  
**Mobile Developer**  
Tokyo, Japan

*Full time in a company developing the #1 dating app in Japan*  
**iOS App development**  
Workload 80%

- **Architecture:** Reactive Programming, MVVM

**Knowledge transfer**  
Workload 10%

- Prepared presentations/workshop/articles on technical subjects to promote the company and raise the team level

**Open Source Contributions**  
Workload 10%

- Published iOS open source libraries and contributed to several projects

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October 16th 2017 – July 19th 2019  
**Full Stack Developer**  
Tokyo, Japan

*Full time in a company developing a social network/media diary application*  
**iOS App development**  
Workload 80%

- **Technical challenges:** Handling multiple video streams, heavy multithreading, real-time network synchronization
- **Other challenges:** API Design, product development, CR, UI/UX optimizations

**Server and database development**  
Workload 20%

- **Stacks:** NodeJS, MongoDB, Firebase, ElasticSearch

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June 16th 2016 – October 15th 2017

**Full Stack Developer**

Tokyo, Japan

*Full time in a company developing face-recognition and 3d-mapping SDKs*

**Lead Projects with offshore team (Vietnam)**

Workload 20%

- **Coordinate teams:** Design, Front-End (iOS, Web), Back-End, Business...
- **Oversee development:** Code Review, UI/UX, Deliveries, API Design...

**Core SDK development**

Workload 20%

- **New Features:** [Redacted]
- **Refactoring:** Bug fixes, Readability, Speed Improvements, Memory Leaks, Toolchain...
- **Languages:** C++, Java, Objective-C++

**Mobile Development**

Workload 40%

- **Platform:** iOS, Android, Web

**Backend Server - Ruby On Rails (public API)**

Workload 20%

- Build new API/Server Application from scratch

## eduPad

October 23th 2013 – April 29th 2016

**Full Stack Mobile Developer, iOS Lead**

France

*Internship followed by full-time employment in a company developing mobile educational softwares*

- **Development:** iOS, Android, RoR, System Administration
- **Challenges:** Maintain and develop new features for exesting software, Architecture and deliver a messaging app for kids with high traction (iOS, server, ...)

## Skills

- **Programming Languages:** Swift, Objective C, C, C++, Ruby, Java, Javascript, SH, PHP, SQL...
- **SDKs:** iOS, Android, RoR, QT...
- **Operating Systems:** BSD/Linux, OS X, Windows
- **Sys-Admin:** AWS, Deploying secure web servers from scratch, Virtualization...
- **Network:** UNIX Sockets programming (TCP/UDP), IP...
- **Security:** Good understanding of TLS, Certificates chain...
- **Human Languages:** French (Mother Tongue), English (Fluent), Japanese (Beginner)
- **Others:**  $\LaTeX$ , Excel, JIRA-server administration...

## Personal Projects

2020

**Open Source projects**

Tarte, StreamCompression: *Stream based compression and tar unarchiving*

N/A

**Open Source contributions**

Alamofire, Cocoapods-Specs, AssetPicker, Pixel, R.swift, Atlas-iOS, LECrop-PictureViewController...

2011 - 2013

**tNETacle (decentralized VPN)**

C/C++ solution developed with a 8 students team

*Asymmetric cryptography, UPNP, IPC, UDP, TCP, TLS, DTLS, portability, compression...*

## Hobbies

Brewing, cycling, orbital mechanics, and travelling the world

## Personal Description

I have been interested into IT since I was a kid and have turned my passion into a job. I am very proactive; constantly researching, proposing, and implementing new solutions.