

# Antoine Marandon

Full stack mobile developer

## Contact

**Address**  
Merguro, Tokyo  
Japan

**Phone**  
+81 (0) 50 6857 0132

**Email/XMPP**  
antoine@marandon.fr

## 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 EPITECH, Paris  
*5 years courses*

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

## Experience

### Sevendays

2017-Now **Full Stack Developer** Tokyo  
*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

### Motion Portrait

2016-2017 **Full Stack Developer** Tokyo  
*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

2012-2016 **Full Stack Mobile Developer, iOS Lead** Paris, Tokyo, Seoul  
*Internship followed by full-time employment in a company developing mobile educational softwares*

- iOS Development Workload 60%
- Backend Server - Ruby On Rails Workload 15%
- System Administration Workload 10%
- Android Workload 15%

## Louvre Hotel Group

2011

### Q&A, Automation Engineer

Paris, France

*5 months internship. Assisted project manager by creating tools to ensure data integrity after a finance software migration*

- Microsoft SQL, Oracle SQL
- VBA, Excel, Access

## Prestashop

2008

### PHP Developer

Paris, France

*5 months internship. Developed Prestashop core product and modules (e-commerce solution), for internal and external clients*

- PHP, MySQL
- MVC

## 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

2011 - 2013

### tNETacle (decentralized VPN)

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

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

N/A

### Open Source contributions

Alamofire, Cocoapods-Specs, R.swift, Atlas-iOS, LECropPictureViewController...

## 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.