Antoine Marandon
Full stack mobile developer

Contact

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Japan

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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 dregree of Computer Sciences   EPITECH, Paris
5 years courses

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

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

SevenDays, Inc

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

MotionPortrait, Inc

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.