

# Antoine Falquerho

SENIOR SOFTWARE ENGINEER

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Software Engineer with more than 7 years of experience, designing and building services used by million of users.

## Experience

### Under Armour

San Francisco, U.S.A

SENIOR SOFTWARE ENGINEER

Jan. 2016 - Mai 2018

- Developed and maintained a payment system to offer premium features on MyFitnessPal and get off an external provider for MapMyFitness. It simplifies accounting, improves revenue metrics tracking while reducing cost. This system handles millions of dollars per month in transactions.
- Designed and implemented a feed service intended to be used in all of Under Armour's apps and reduce the cost of storage while improving the response time.
- Designed a service to manage friendships and help develop the social aspect of the apps. The service is using a graph database from Amazon Neptune.
- Mentored a Junior Engineer by assigning tasks and help them get up to speed with the organization methods and tools.

### MyFitnessPal

San Francisco, U.S.A

SOFTWARE ENGINEER

Sept. 2014 - Jan. 2016

- Lead and successfully migrated all the services of the organization to a new email provider without interruption while sending millions of emails every month. Developed a service that manages templates and contents for emails and pushes notifications to help marketing improve conversions.
- Improved scalability and response time of core backend services by improving data storage while reducing response time and errors rate.
- Developed libraries to help engineers of the company works faster and be more productive while creating uniform tools between teams. It helps engineer debug and reduce maintenance time.
- Developed internal tools to manage premium features and subscriptions, giving more power to the Customer Happiness team. It reduced time require to help premium users and increase premium conversion.

### Rewarder

San Francisco, U.S.A

SOFTWARE ENGINEER

Nov. 2011 - Sep. 2014

- Developed a Stripe integration for securely accepting customers credit card payments and built a balance management and cash out system for keeping track of the transactions.
- Maintained a Rails application and developed an API to enable the development of a mobile app.
- Built partner integration system used by Ask.com and ManualsOnline.com resulting in an increase of traffic.
- Built API integration with Ebay to power a new "Wanted" feature on Ebay website. Worked closely with an engineer of Ebay on the technical design and integration.
- Built communication system via text message for notifications and events with Twilio API.

### Taskrabbt

San Francisco, U.S.A

INTERN SOFTWARE ENGINEER

Apr. 2011 - Oct. 2011

- Developed a Facebook Application for friend referrals.
- Integration testing for feature implementation, regression testing and site stability.
- Built a messaging feature for task clarification.

## Education

### Dominican University of California

San Francisco, U.S.A.

CERTIFICATE IN MANAGEMENT AND MARKETING OF INFORMATION TECHNOLOGY

2010 - 2011

### SUPINFO - The International Institute of Information Technology

INFORMATION TECHNOLOGY

2008 - 2011

- M2, Information Technology
- M1, Information Technology
- B3, Information Technology

San Francisco, CA, USA  
Montreal, QC, Canada  
Nantes, France

## Skills

**Languages / Frameworks,** Scala, Ruby, Akka, Rails

**DevOps / Tools,** AWS, Docker, Kubernetes, Jenkins, Git, Bitbucket

**Databases / Storages,** MySQL, DynamoDB, Redis, PostgreSQL, Neptune, S3

## Interests

**Sport,** Running, Muay Thai Boxing (2 years)

**Volunteer,** Family dog rescue