JULIEN GRIMAULT

Senior iOS Software Engineer.

Passionate about beautiful software & design.

grimault.julien@gmail.com
+1 647 248-6082
https://github.com/juliengrimault

Employment History

Senior Software Engineer @ Apple Health Special Project – San Francisco, Toronto

April 2018 - Now

Senior engineer in the team focusing primarily on the development of the AC wellness and HealthHabbit apps.

Worked on almost every feature in the apps, the most notable contributions include:
- Resin: our in house **Redux inspired framework** which was contributed back to open source.
- background **HealthKit uploader** to share data with health care providers.
- coaching program with sets of **challenges defined remotely** and **automatically completed from HealthKit** data.
- survey framework with **native UI** driven by **remote definition in JavaScript** files.

One of the lead engineers on the Apple COVID-19 app. The app is built in SwiftUI and reuses our survey framework.

Developed the onboarding experience for the wellness tracking iOS app related to the Apple - Aetna collaboration.

Software Engineer @ Apple Maps – Paris, San Francisco

April 2014 - April 2018

Worked on the initiative to bring **public transit to Apple Maps.** I was one of the 2 engineers leading the client UI effort across the Apple platforms: **iOS, macOS and watchOS**.

Worked at various levels of complexity:
- UI clients (iOS, macOS, watchOS)
- MapKit framework
- Lock screen and notification plugins
- Springboard widget
- iOS and watchOS daemons for phone-watch communication

Maintained Apple Maps on all Apple platforms for several major and minor releases (iOS 8 to 11).

Team Lead @ TradeHero – Singapore

August 2012 - March 2014

First employee, built complete product (iOS client and REST API) that went from seed funding to $10M Series A in 13 months.
Assumed technical lead role across all the technology stacks (iOS, Android and .NET backend) post Series A for a team of 4 engineers.

Technical Lead @ Edenpod – Singapore

October 2010 - July 2012

Developed multiple iOS applications and mentored a remote development team in India.
Built TradeHero prototype that raised $500K in seed funding.

Education

Erasmus Exchange @ Helsinki University of Technology - Finland

August 2010 - December 2010

Master's Program in Security and Mobile Computing.

Bachelor's & Master's Degree in Computer Science @ INSA Rennes - France

September 2005 - June 2009

Graduated with Honors - Ranked 3rd out of 60 in my class.

Classes completed include: OOP, Software Architecture, Databases Design, Compiler Architecture, Functional Programming, Formal Method (B-method).

Certifications: TOEIC (980/990), SCJP 6.0 (93%)

Skills

iOS

Started programming on iOS in 2009 in university.
I have built and released several apps on the App Store as a 3rd party developer as well as a 1st party working alongside the OS development.
Proficient in most public Apple frameworks, expert in UIKit and **building pixel perfect UI**.

Product & Feature Development

Extensive experience in taking designer specifications and materializing them into a shipping feature which involves:
- analyzing designers specs to list the different use cases and discover potential edge cases.
- determining dependencies on other engineering teams.
- collaborating with the other engineering teams to ship a feature in time.

Languages

Native French speaker and fluent in English. Beginner in both Spanish and Mandarin.

Hobbies & Interrests

I am an avid jogger who likes to maintain an healthy and active lifestyle.

I am also an enthusiast amateur photographer shooting with my iPhone and my Nikon D800.

I enjoy reading Fantasy and Sci-Fi novels, most recently I was captivated by the Red Rising series.

References

Tanya Gupta – Engineering Manager @ Apple

tanya_gupta@apple.com +1 (617) 335-1766

Tara Teich – VP of Engineering @ LTSE

tara.teich@gmail.com +1 (408) 862-5812

David Hodge – Founder @ Nikola

david@davidhodge.net +1 (415) 717-0262