

LUIS MACHADO

Software Engineer

Curriculum Vitae

Latest Revision: 20 Nov 2018

Profile

Curious by nature, Luis has a deep interest in technology and a passion to understand (and pursue) ways on how it should benefit us on our daily life.

Introduced to programming early in his life, it soon transformed into a hobby and ultimately led to the pursue of a career in Software Developing and Engineering. To that effect, from 2006 to 2010 he studied and graduated in Information Systems and Computer Science. Not being satisfied he immediately started his Master's degree (also on Information Systems and Computer Science). He collaborated with the Portuguese Air Force, while working on his master thesis, and graduated in 2012.

Shortly after he started working at Safira – a Portuguese IT consulting boutique – as a software developer, working on numerous projects in different business sectors.

In the meantime, he also developed a personal, out-of-job interest on full stack JavaScript, node.js and no-sql databases. That, and the interest to venture into new areas ultimately led to him quitting that job and pursue a career on the mobile development sector.

DOB: 05/12/1988 - Nationality: Portuguese

Skills

Swift	JavaScript
REST	Node.JS
Firebase	Bootstrap
JIRA	Java
GIT	Pivotal Tracker
Objective C	SQL Server
Google Analytics	IBM IID
IBM BPM	IBM ODM

Portuguese (Native)
English (Proficient)

Contact

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Experience

pimentaGroup (iOS Engineer & Project Management)

Jun 17 - Now

- Nursing Assistant** – From zero to delivery and support. Presents job related content and assertion tests. Features: Swift / Custom UI & UX / REST / Reachability / Deeplinking / AV / Analytics.
- GPS Tracking** – Geotagging app (tracking and managing geotags). Helped midway on bug fixing, delivery and continuous support. Later performed a 2.0 overhaul of the app and delivered. Features: Swift / REST / Notifications (APN) / Custom UI and transitions / MapKit / User Location / Localization / Reachability
- Productivity app**: custom todo lists. Analysis, managed the process, development and delivery. Swift / Firebase / Custom UI & UX / Local notifications / Social login.
- Bug fixing**: Helped midway, bug fixing, on multiple objective-c apps. Managed to address the issues, collaborated with the client and delivered the apps.
- Performance improvement**: worked on an already available app which had performance issues. Managed to reduce the load times from +20/25 seconds to ~6 seconds.
- Collaborated in multiple public repositories and contributed to some pull requests while working on some of the apps (RocketChat, Jit.Si)

Mobile Developer

Apr 16 - Now

Development of iOS applications, available on the App Store and downloaded by thousands:

- 2016 - RepMax % - (AppStore) & HIIT Timer (AppStore)**
- 2017 - My Task Timer (AppStore) & Running Pace Calculator (AppStore)**
- 2017 - Running Schedule (Demo)**
- 2017/2018 - Incêndios Directo (AppStore)**: averages a 2000 daily user base during peak season.

Software Engineer

Jan 16 – Mar 16

KPMG

Development of solutions for one of the biggest law firms in Portugal. Development of a cambial solution for the state bank of Angola.

Skills & Technologies: Project Management / IBM BPM / IBM IID / IBM server maintenance and support / Javascript / Java / SQL Server / Oracle DB

Sector: Financial / Social Security & Unemployment / Law

Software Developer (Beginner, Proficient & Expert Levels)

Mar 13 – Jan 16

SAFIRA / KPMG

Implementation of a loan process for a Portuguese bank with a high degree of complexity. BPM and Integration Developer for one of the biggest insurance companies in Denmark.

Skills & Technologies: Project Management / IBM BPM / IBM ODM / IBM IID / JavaScript / Oracle DB / IBM server maintenance and support / SQL Server / JavaScript

Sectors: Financial, Social Security & Unemployment

Education & Certifications

2016	iOS 9 Developer Course, Udemy.com
2015	M101JS: MongoDB for Node.js Developers (link)
2013	IBM Certified Application Developer - WebSphere Operational Decision Management
2010-2012	MSc in Information Systems and Computer Engineering - Instituto Superior Técnico (UTL) – Portugal Enterprise Information Systems & Software Engineering
2006-2010	BSc in Information Systems and Computer Engineering - Instituto Superior Técnico (UTL) - Portugal

Other Skills

Communication: Communication and presentation skills gained through a Professional Communication and Linguistics [Module](#).

Organization: Organizational know-how (part of the organizing committee of the 6ª edition of the Seminars IST-Tagus, in 2009),

Other: a good chunk of my free time is spent running and I like to regularly run marathons.