ruiOliveira
Software Engineer

info

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languages

portuguese
english

programming

Scala, Java, C,
Akka,
Javascript,
Sql, NoSql
(Couchchbase)
Git, Linux ♥

aboutMe

I'm a programmer since 2010. My first steps as a programmer was in the high school, in a programming course. The final project of this course are highlighted. Continued the studies with BSc in Informatics Engineering. To complete the education background I did a summer internship. After completing the BSc started working as Full-Stack developer, developing Software as a Service. In this project, also went to Web Summit 2016, making market prospection, I learned alot since was almost only me working on it. The next step was to search a new job within a Team: I started to work in Jumia developing an Order Management System build in Micro-services.

experience

2017 2018   **Jumia - Order Management System (OMS)**   Porto, Portugal
Software Engineer - Full-Stack Developer (1 year 4 months)
Development of an management system for orders, in a agile team.
- Micro-service arquitecture in Java
- Legacy support old Monolithic Php application
- I had a role a code evangelist, introducing best pratice and helping others to introduce best pratice too.

keywords: Play Framework, Akka, Java, Scala, SBT, Rabbit, MariaDb, NoSQL (couchbase / mongodb / redis)

2015 2016   **Impacting Group**   Porto, Portugal
Software Engineer - Full-Stack Developer (1 year 7 months)
Research and development of Software as a Service:
- Centralized Log Solution (working prototype)
- Centralized User management (Production ready)
- Subscription management (Production ready)

keywords: Java, Spring, Maven, Scala, Akka, Play, SBT, NoSQL (couchbase), Swagger,

2014   **Impacting group -** Wondeotec: emailbidding.com   Porto, Portugal
Summer Internship (2 months)
Participation in the development of EmailBidding, a email marketing platform, made in Symfony2. Highlights: Php, Symfony2, team working with scrum and JIRA.

education

2012–2015   **BSc in Informatics Engineering**   University of Minho, Portugal
Comprehensive and prestiged undergraduate course in computer science and informatics engineering. Highlights: object-oriented, functional and imperative programming; Algorithms and data structures; Relational database architecture and management; Distributed Systems - concurrency and synchronization. Degree grade: 16

2009–2012   **Professional Course** High School   Didaxis, Portugal
Professional Course in Management and Programming of Computer Systems.
Highlights: introduction to C, .Net and Java programming languages. Final project: development of an Android Application (see below in awards). Internship: Codevision (see below in experience). Degree grade: 17

other skills

2016	**Market Prospection: Web Summit 2016**	Lisbon, Portugal

I went to Web summit 2016 to get market feedback about the SaaS that we was creating in Impacting Group,

2014	**Speaking: Php Introduction**	University of Minho, Portugal

Workshop based course. Subjects: HTML, PHP and Laravel Framework.

2013	**Entrepreneur: My Project is Entrepreneur**	Municipal award, Vila Nova de Famalicão (Portugal)

Final project of the Professional Course, an Android application. It was winner of a entrepreneur conquest.

2011	**Competitor: ONI (5th place)**	Programming Competition, Porto (Portugal)

ONI is the Portuguese National Olympiads of Informatics.

portfolio (https://bitbucket.org/ruioliveiras)

2016	**Personal Blog** (http://ruioliveiras.com)	Porto, Portugal

I have done this blog using a static generator (HarpJS). I'm creating a Scala tutorial in the following link: http://ruioliveiras.eu/post/scala-tutorial.html

2015	**Musical challenge application Client/Server**	University of Minho, Portugal

Application created with Java. Allows the existence of many inter-connected servers, with each client connecting to one server. Technical highlights:

- Client/Server communication using UDP Datagrams
- Server/Server communication using TCP sockets
- UPD datagram fragmentation system

2014	**CRUD management Application for Habitat Portugal**	University of Minho, Portugal

CRUD management Application made with Java and MySql database. Technical highlights:

- Three layers: View, Business, Data.
- Database with triggers
- Generic interface design

2013	**C++ File Compressor, Shannon Fano algorithm**	University of Minho, Portugal

Implementation highlights:

- Graphs algorithms;
- Dynamic allocated memory;
- Bitwise operation;