

ruiOliveira

Software Engineer

aboutMe

BSc in Informatics Engineering at Minho University (Braga, Portugal) Currently attending the 3rd year of the BSc in Informatics Engineering at Minho University (Braga, Portugal), after concluding a high school professional programming course. Throughout the BSc, the students are required to do several practical assignments, being some of them detailed in the portfolio below. The high school final project is also highlighted. In addition to a good educational background, a short term summer internship was held at the end of the 2nd year of study.

info

Rui Pedro A. Oliveira
Portuguese, UE
1994.11.10
Male

contact

Rua São Martinho
nº55
4765-343 V. N.
Famalicão
Portugal

+(351) 915015377

rui96pedro@gmail.com

Portfolio

languages

portuguese
english

programming

Scala, Java, C,
Javascript, AngularJs 1,
Sql, Couchchbase
Git, Linux ♥

experience

- | | | |
|-----------|--|----------------|
| 2015-2016 | Impacting Group
<i>R&D and development of Saas4saas</i>
R&D about the possibility of create a new product. Development of saas4saas, a project made in scala using Spray and Akka. | Porto,Portugal |
| 2014 | Wondeotec - emailbidding.com
<i>Summer Internship (2 months)</i>
Participation in the development of EmailBidding, a email marketing platform, made in Symfony2. Highlights: Php, Symfony2, team working with scrum and JIRA. | Porto,Portugal |
| 2012 | Codevision
<i>Professional Internship (2 months)</i>
Development of a mobile web application (Javascript - Sencha Touch framework, Visual Studio, MVC Architecture) | Braga,Portugal |

education

- | | | |
|-----------|---|-------------------------------|
| 2012-2015 | BSc in Informatics Engineering
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. Current degree grade: 16 | University of Minho, Portugal |
| 2009-2012 | Professional Course High School – grade 9 to 12
<i>Professional Course in Management and Programming of Computer Systems.</i> 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). | Didaxis, Portugal |

awards

- 2013 **My Project is Entrepreneur** Municipal award, Vila Nova de Famalicão (Portugal)
Final project of the Professional Course. Android Application to manage people wardrobe.
- 2012 **TECLA (1st place)** Programming Competition, Aveiro (Portugal)
TECLA is a programming competition for teams of two elements. The objective is to solve algorithmic challenges.
- 2011 **ONI (5th place)** Programming Competition, Porto (Portugal)
ONI is the Portuguese National Olympiads of Informatics.

speaking

- 2014 **Php Introduction** University of Minho, Portugal
Workshop based course. Subjects: HTML, Php and Laravel Framework.

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

- 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:
- Communication between the Client and the Server using UDP Datagrams
 - Communication between Servers using TCP sockets
 - UDP datagram fragmentation system
- 2014 **SEI 2015 web** (<https://github.com/cesium/SEI15>) University of Minho, Portugal
Participation in the development of SEI 2015 Web-Site. Implemented angularJS usage to avoid html repetitions.
- 2014 **Distributed System WarehouseClient/Server** University of Minho, Portugal
Client/Server made with Java using socket. Technical highlights:
- Concurrency control with reentrant locks and conditions.
 - Communication inside sockets with pure text using serializing and de-serializing.
- 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 to derivative attributes
 - Generic interface design
- 2014 **Dpum CESIUM code validator** University of Minho, Portugal
Web site created to manage a programming conquest at Minho university.
- 2013 **File Compressor with C++, Shannon Fano algorithm** University of Minho, Portugal
Implementation highlights: Graph based algorithms and Bitwise operations.