ruiOliveira
programmer

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Portfolio

languages
portuguese
english

programming
Java, C, MySql,
Php, Javascript,
AngularJs,
Git , Linux ♥

aboutMe

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

education

2012–2015 **BSc in Informatics Engineering** (on going) University of Minho, Portugal
Comprehensive and prestige undergraduate course in computational science and engineering. Highlights: object oriented, functional and imperative programming; Algorithms and data structures; Relational database architecture and maintenance; Distributed Systems - concurrency and synchronization. Current degree grade: 16

2009–2012 **Professional Course** High School – grade 9 to 12 Didxis, 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).

experience

2014 **Wondeotec** Porto,Portugal
Summer Internship (2 months)
Participation in the development of EmailBidding, a email markting platform, made in Symfony2. Highlights: Php, Symfony2, team working with scrum.

2012 **Codevision** Braga,Portugal
Professional Internship (2 months)
Development of a mobile web application (Javascript - Sencha Touch framework, Visual Studio, MVC Architecture)

awards

2013 **My Project is Entrepreneur** Municipal award, Vila Nova de Famalicão (Portugal)
Final project of the Professional Course. Was a 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 solve algorithmic problems.

2011 **ONI (5th place)** Programming Competition, Porto (Portugal)
ONI is the Portuguese National Olympiads of Informatics competition.

speaking

2014 **Php Introduction** University of Minho, Portugal
This was a curse with 3 Workshop: HTML, Php and Laravel Framework. I Was the speaker of Php Introduction Workshop.

portfolio (https://bitbucket.org/ruiOliveiras94)

2014   **SEI 2015 web** (https://github.com/cesium/SEI15)   University of Minho, Portugal
Participation in the development of SEI 2015 Web-Site, I was introduced angularJS to avoid html repetitions.

2014   **Distributed System ẄarehouseClient/Server**   University of Minho, Portugal
Client/Server made in Java using socket, technical highlights:
- Concurrency control with reentrant locks and conditions.
- Communication inside socked with pure text using serializing and deserializing.

2014   **CRUD management Application Habitat Portugal**   University of Minho, Portugal
CRUD management Application made in Java with Mysql database with 22 tables, some technical highlights:
- Three layers: View, Business, Data.
- Database with triggers to derivative attributes
- Generic interface management

2014   **Dpum CESIUM code validator**   University of Minho, Portugal
This web site was created to manage an programing conquest in Minho university. This site was made just to one problem at time, and was used in production environment.

2014   **Web service REST in PHP with Login System** (in progress)   University of Minho, Portugal
Web service about a Warehouse. Features: Login using session token with time out; manage items, users, purchases; add pictures to items;

2014   **File Compressor in C++, Shannon Fano algorithm**   University of Minho, Portugal
Implementation highlights: Graphs algorithms and Bitwise operation.