João Ladeiras

Software Engineer

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Summary

I'm a Portuguese computer programmer, currently living in Porto. I have an interest in Web and Mobile applications development. I'm also interested in Bioinformatics and Machine Learning.

Education

Master's degree, Informatics and Computing Engineering *(2015)*
Faculdade de Engenharia da Universidade do Porto

Skills & Expertise

Programming Languages
Javascript/Typescript, HTML5, CSS3, PHP, Java, C++, SQL

Coursework Experience
Django REST, .NET, Android, R, Prolog, PL/SQL, noSQL, Machine Learning

Projects

Master's Thesis: Response Prediction to Cancer Cell Lines Treatment *(February 2015 to July 2015)*
The work falls within the scope of Bioinformatics and Machine Learning and addresses the problem of using Machine Learning methods to improve the development procedures of new drugs for cancer treatment.

iCare4Depression *(WIP 2016)*
A software bundle developed in the scope of iCare4Depression project (Portugal) by INESC TEC in partnership with ISMAI for the treatment of depression. The set is made up of web and mobile applications that assists both patients and therapists/researchers in the course of treatment.

A-CAS (Anaesthesia Crisis Avoidance System) *(WIP 2016)*
An app that, taking real time monitored parameters in anaesthesia, provides both clear value reading and a diagnostic through the Anaesthetic Crisis Manual (ACM).

On The Move *(June 2014)*
An Android app that helps the user navigating to/from the airport and follows him through the flight stages. This project was developed as part of a college project in collaboration with OPT (Optimização e Planeamento de Transportes, S.A.).

Bioterium *(November 2013)*
A management software product developed for ICBAS animal facility as part of a college project.

Languages

Português *(Native language)*
English *(Full professional proficiency)*
Spanish *(Limited working proficiency)*