Loredana Cîrstea

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Profile

Developer for The Sapiens Mapping Project. Technologies: JavaScript, SQL, NoSQL (MongoDB), HTML, CSS, R language, SVG, PHP, Python, Smarty. Platforms: Meteor, Titanium, OpenCPU, Woltlab Burning Board. OS : Mac OS X, Linux, Windows. Github profile: https://github.com/loredanacirstea .

Experience

2014, November - present: Developer, Subject.Raw. Project
Subject.Raw. is an open-source project for bringing semantic content to the Web. For this project, I have initially worked with OpenCPU and R language. I have now transferred development to Meteor, using Javascript and MongoDB.

2012-present: Manager, Sapiens Mapping Project, Bucharest
My contribution consisted of English presentations to professors and volunteers, creation of controlled medical vocabularies, Romanian translation for FIPAT terminologies and other medical terms, database and site maintenance, documentation and video demonstrations. I have also created two iOS and Android Apps in Titanium - Terminologia Histologica, Terminologia Embryologica with browsing and searching capabilities for the terms.

2014: R language project done as part of my graduation thesis for the Faculty of Medicine : "Algorithm of translation in the Romanian language for the Terminologia Histologica and APIs for a controlled vocabulary". The thesis tackles Semantic Web and Open Data concepts in Medicine. The project offers browsing and data handling options for any terminology, as well as an algorithm for creating a computable translation in a new language for the terms.

2008: ComicStrip - PHP project done for attesting my qualifications as a computer operator and intermediary level programmer in high school. It had an easy user interface for creating comic strips, with options for data handling - insert, update, delete, browse. Technologies: PHP, MySQL, Smarty, HTML, CSS.

Education

2008-2014: U.M.F. "Carol Davila", Bucharest — Doctor of Medicine

2008: Certificate of Course Completion in Fundamentals of Java Programming

2008: Certificate attesting qualifications as a computer operator and intermediary level programmer.

2004-2008: N.C. "Ion C. Bratianu", Pitesti — high school diploma, intensive mathematics-computer science, C++.

Courses - various online courses from EdX and Coursera (Python, R language).

Skills

Fast learner, desire to keep up with new technologies, flexible.