

Profile

Manager and programmer for the Sapiens Mapping Project. Technologies: R language, SVG, PHP, JavaScript, Python, SQL, HTML, CSS.

Experience

2012-present: Manager, Sapiens Mapping Project, Bucharest

I give presentations in English about the project to students and professors. I created controlled medical vocabularies and translated FIPAT terminologies into Romanian and I am currently maintaining them and working on my research papers.

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.

2013: Apps for iOS and Android - Terminologia Histologica, Terminologia Embryologica - browsing and searching terms from the terminologies. Done in JavaScript for Titanium.

2008: ComicStrip - PHP4 project done for examining my programming level in high school. It had an easy user interface for creating comic strips by choosing a picture through a URL, introducing text and choosing two points by left click for positioning the speech bubble. It had options for data handling - insert, update, delete, browse.

Education

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

2013, October: Completed the “Computing for Data Analysis” course in R, offered by John Hopkins University through Coursera.

2013, June: Completed the “6:00x Introduction to Computer Science and Programming” course in Python, offered by MITx through EdX.

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++.

Skills

Leadership: giving presentations in English, managing volunteers

References available upon request.