



CIRSTEA LOREDANA

Web Developer - Oroboro

Age 25 from Bucuresti, not married - available Anytime

Contact details

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Address:

Professional objective

I am a Technical Web Developer looking for a job where I can further develop my programming and/or management abilities. My programming inclination is for Javascript and NoSQL based environments, such as Meteor and Node.js. I would prefer a job where English is the main language used for communicating. On the long term, I am interested in semantic bioinformatics and integrating medical knowledge into Semantic Web infrastructure.

Github profile: <https://github.com/loredanacirstea>

Personal Site: <http://loretek.ro>

My office: loredana.cirstea@gmail.com (telephone contact is not encouraged for initiating dialogue)

Professional experience

Experience by departments	Management: 1 year and 3 months IT Software : 2 years and 9 months Human medicine: 1 year and 11 months
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Feb 2015 - present
3 months

Web Developer - Oroboro

Bucharest | IT Software | Media / Internet

Sole developer of <http://orobo.ro> by implementing requested features. <http://orobo.ro> is a pre-pre-alpha live-collaboration SVG editor with cloud support, in MeteorJs.

My contribution in short:

- implemented to UML specifications
- major features implemented:
 - client-side API
 - server-side API
 - visual data entry with live feedback
 - algorithms for symmetry and other engines
 - vectorial and raster image server on Node.js
- ensured live collaboration through MongoDB synch system and webSockets

Implemented, tested, debugged, deployed the software and data on multiple platforms by virtual machines.

All the communication related to the project is in English.

Aquired skills and knowledges:

Oct 2014 - present

7 months

Web Developer - Subject.Raw.

Bucharest | IT Software | Media / Internet

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 (<http://public.opencpu.org/ocpu/github/loredanacirstea/ontobrowse/www>). I have now transferred development to Meteor, using Javascript and MongoDB (<http://subjectraw.meteor.com>).

Aquired skills and knowledges:

HTML, JavaScript, jQuery, CSS, Bootstrap, MongoDB, nosql, meteor, r language, OpenCPU, Semantic UI

Sep 2012 - present

2 years and 8 months

Project Manager, Web Developer - Sapiens Mapping Project

Bucharest | IT Software | IT / Telecom

My contribution consisted of English presentations to professors and volunteers, creation of documentation and video demonstrations (<http://sliced.ro/blog>) for the medical applications done within the project, database and site maintenance (JavaScript, SVG, SQL, PHP), creation of controlled medical vocabularies, Romanian translation for FIPAT terminologies and other medical terms.

I have also created two iOS and Android Apps in Titanium - Terminologia Histologica, Terminologia Embryologica with browsing and searching capabilities for the terms.

<https://itunes.apple.com/us/app/terminologia-histologica/id729055746?mt=8>

Aquired skills and knowledges:

PHP, HTML, uml, JavaScript, CSS, SQL, SVG, r language, public speaking

Sep 2011 - Aug 2013

1 year and 11 months

Medical Volunteer - SMURD Volunteers

Bucharest | Human medicine | Medicine / Health

I have developed an ability to work with a team, under stress and with urgent deadlines. I have completed 580 hours of volunteering, part of a program initiated by SMURD (Mobile Emergency Service for Resuscitation and Extrication), with the help of the Medical Students Society in Bucharest.

Aquired skills and knowledges:

team work, basic life support, Advanced Life Support, Urgent deadlines

Oct 2010 - Jan 2012

1 year and 3 months

Mountaineering Instructor - EcoXtrem Mountain Club (NGO)

Bucharest | Management | Tourism

I gave presentations to club members mainly on emergency medical aid, organized and planned mountain trips, supervised and trained club members.

Aquired skills and knowledges:

leadership, people skills

Education

2008 - 2014

College / Bachelor's degree - University of Medicine and Pharmacy Carol Davila

Medicine | Bucharest

I have received a Doctor of Medicine diploma.

2004 - 2008

Highschool - Ion C. Bratianu National College

Mathematics-Informatics | Pitesti

C++, OOP.

Skills

General skills

responsible, very fast learner, google apps, Linux, mac os x, constructive criticism

Skills from work experience

PHP, HTML, uml, JavaScript, CSS, SQL, SVG, r language, public speaking, team work, basic life support, Advanced Life Support, Urgent deadlines, leadership, people skills, jQuery, Bootstrap, MongoDB, nosql, meteor, OpenCPU, Semantic UI, server-side API, virtual machine testing, MeteorJS

Foreign languages

English - Advanced, French - Beginner

Other info

Projects

svg.connectable.js enhancement

perioada Apr 2015 - Apr 2015

<https://github.com/loredanacirstea/svg.connectable.js>

A JavaScript library for connecting SVG elements with algorithm for choosing the nearest path point for attaching the connector and algorithm for creating curved connectors.

Different from original library:

- the connector can be any SVG Path element defined through use() (usually connectors are reused).
- you can define the type of attachment (center, periphery) separate for source and target
- you can have straight/curved connectors - available for the 'default' connector.
- functions for changing the connection settings after initializing it.
- padEllipse function is used automatically for ellipses ('periphery' attachment).

Meteor package: meteor-tabular-filter

perioada Jan 2015 - Jan 2015

<https://atmospherejs.com/loredanacirstea/meteor-tabular-filter>

Meteor package for providing a database filter for the client-side which outputs a Javascript object query for MongoDB. It supports multiple subsequent queries.

This is an in-work prototype.

R language project for controlled vocabularies

perioada Jan 2013 - Sep 2014

My graduation thesis for the Faculty of Medicine included an R language project: "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. <https://github.com/loredanacirstea/thRoTrans>

Certifications

Computing for Data Analysis

dobandit in Oct 2013

Online course offered in R language through Coursera by John Hopkins University.

6:00x Introduction to Computer Science and Programming

dobandit in Jun 2013

Online course offered in Python through the EdX platform, by MITx.

Certificate of Course Completion in Fundamentals of Java Programming - Cisco Networking Academy

dobandit in Jun 2008

Offered through "Ion C. Bratianu" National College

Certificate attesting qualifications as a computer operator and intermediary level programmer

dobandit in May 2008

Offered by the Ministry of Education, Research and Youth, Romania

ComicStrip is a PHP project done for this examination. It had a very easy user interface for creating comic strips by choosing a picture through

a URL, introducing text and choosing two points (left click) for positioning the speech bubble. It also had options for data handling - insert, update, delete, browse. <http://sourceforge.net/projects/cstrip/>

Driving license

Category B

dobandit in 21 Oct 2008

Desired job

Job type

Full time, Part time, Project Based

Career level

MID-LEVEL

Desired salary

Unspecified

Desired city

Baia Mare, Bucharest, Cluj-Napoca,
Drobeta-Turnu-Severin, Iasi, Pitesti,
FOREIGN, Suceava, Timisoara,
Tirgu-Mures

Desired job's department

IT Software , Management

Desired industry

IT / Telecom, Media / Internet