

Marina V. Sergeyeva

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SKILLS

Ruby, Ruby on Rails, jQuery, D3.js, HTML, CSS, SQL, PostgreSQL, RSpec, Javascript, Java, Git, R, NetLogo.

SAMPLE PROJECTS

SPEECHY @ <https://speechy.herokuapp.com/>: Ruby, Rails 4.1, jQuery, Devise, Paperclip, Bootstrap, Javascript, D3.js.

SF MOVIE @ <http://imousterian.github.io/sf-movies/movies.html>: D3.js, Leaflet.js, jQuery, Bootstrap, Javascript.

More projects @ <http://imousterian.github.io>

EXPERIENCE

Developer, January 2014 - present

@self, San Francisco, CA

- Completed projects for The Odin Project curriculum - a full stack web development learning program.
- Built original web applications using Ruby on Rails and Javascript.
- Used RSpec testing framework to implement unit and integration tests.
- Advanced education via BerkeleyX Engineering Software as a Service courses.
- Enhanced skills in core CS concepts such as Object-Oriented Design, algorithms, and data structures.

NetLogo Developer & Research Consultant, August 2010 – July 2014

The Pertan Group / U.S. Army Corps of Engineers, Champaign, IL

- Developed NetLogo data analysis and visualization applications for sociologists and geographers.
- Developed supporting tools such as file parsers (Java, Python).
- Engaged in all phases of design and implementation of geospatial simulation models (GIS, NetLogo).
- Closely worked with developers of 'Digital Populations' software and assisted in providing design recommendations as well as discovering bugs.
- Served as a GIS Lead to collect and ensure quality control of geospatial data from open sources.
- Served as a Data Specialist responsible for collecting and analyzing human geography data.

Research & Teaching Assistant, August 2005 – August 2010

University of Illinois at Urbana-Champaign, Urbana, IL

EDUCATION

Certificate, Object-Oriented Programming, December 2012

Parkland College, Champaign, IL

MUP, Urban Planning | GIS, August 2010

University of Illinois, Champaign, IL

MA, Archaeology | Anthropology, August 2008

University of Illinois, Champaign, IL

LANGUAGES

Russian • Spanish (reading comprehension)

REFERENCES

Available upon request.