

# Marina V. Sergeeva

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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/sfmovies/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.