Alexander Moore-Niemi

Software Engineer

Recent work

2016	"workerbee" project. A JRuby gem wrapping a Java microservices framework (using RabbitMQ as ESB).

Professional Experience

2016 –	**Software Developer**, RAIZLABS, Boston. Software consultancy specializing in mobile apps.
2014 – 2016	**Software Engineer**, ZIPCAR, Boston. TDD in Ruby on Rails and some Java. Focus on API design, research in hypermedia and REST. On call and release engineer.
2013 – 2014	**Junior Software Engineer**, PROMOBOXX, Boston. Test first and test last, but not test-driven, Ruby on Rails, and untested Javascript integration.
2012 – 2013	**Marketing Automation**, WORLDONE INTERACTIVE, Boston. Scripting and data analysis for the marketing team.

Keywords

Languages	Ruby, Java, Groovy, Javascript, Swift, Haskell
Frameworks	Rails, Grails, Sinatra, Backbone, Jekyll, Yesod
Practices	TDD, SOA, Pair programming, Functional programming, Kanban, Scrum, Agile

Open Source

array_collapse	a C extension to add Array#collapse
graph_function	a Ruby gem to generate graphs of asymptotic performance
proc_compose	a C extension to add Proc#compose
figtree	a Ruby gem for parsing ini_files using parslet DSL

Volunteering

2012 – Now	**Transbucket.com**, *Web Developer*, Migrated site from PHP to Ruby on Rails.

Education

2012	**Certificate: Computation and Algorithms**, *MIT*, Boston.
2004–2009	**BFA Media Production**, *Emerson College*, Boston, Graduated with honors.

#304, 804 Centre St – Jamaica Plain MA 02130

(617) 833 7604 ● ✉ moore.niemi@gmail.com

http://mooreniemi.github.io/

Work projects

2016   "New platform" project: SOA implementation of microservices on PaaS via contributions to core inhouse framework and individual services. Mobile-first API design and implementation.

2015   "Core API" project: transition away from shared models via gem to an ActiveResource-like pattern, loosening coupling to database. Preparatory work on monolithic architecture for decomposition into services.