# 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.

## 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.

*#304, 804 Centre St – Jamaica Plain MA 02130*
*℘ (617) 833 7604 • ✉ moore.niemi@gmail.com*
*http://mooreniemi.github.io/*