# Alex Moore-Niemi

## Software Engineer

"If you hear a voice within you say 'you cannot paint,' then by all means paint, and that voice will be silenced." — Van Gogh, on incremental software delivery

### Recent work

- 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.

## Professional Experience

2015 – Now **Senior Software Engineer**, ZIPCAR, Boston.

TDD in Ruby on Rails. Focus on API design, research in hypermedia and REST. On call and release engineer.

2014-2015 **Software Engineer**, ZIPCAR, Boston.

TDD in Ruby on Rails, Javascript.

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, Javascript, Java, Groovy, Swift, Haskell

Frameworks Rails, Grails, Sinatra, Backbone, Jekyll, Yesod

Practices TDD, SOA, Pair programming, Functional programming, Kanban, Scrum, Agile

## Volunteering

2012 - Now **Transbucket.com**, Webmaster, 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.

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