

# 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**, PROMOBXXX, 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, F#, Python, C
- Frameworks Rails, Grails, Sinatra, Backbone, Jekyll, Yesod
- Practices TDD, SOA, Pair programming, Functional programming, Kanban, Scrum, Agile

---

## Volunteering

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

---

## 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/>