

# Benjamin Watts

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## EXPERIENCE

### **Software Engineer – *Fandor*** (Winter '14 - Summer '14)

Software Engineer, contributed to both Rails and iOS team

- Integral to small team rebuilding iOS app from scratch using RubyMotion
- Managed process of paying down tech debt, including making the application generally more maintainable, and splitting the Mono-rail app into a service oriented system

### **Software Developer – *Inkshares*** (Winter '14 - Summer '14)

Rails/JavaScript engineer in Agile Team that reached funding cliff. Contribution

Highlights:

- Introduced integration testing
- Implemented full-stack video feature, from user upload via Ajax, to integrating trans-coding external API, to displaying video on page
- Reduced test suite time by 15%
- Modified pen.js editing tool to allow insertion and upload of images
- Reduced logic in views by implementing the Decorator pattern

### **Software Developer Consultant – *Gain Fitness*** (Winter 2014)

Rails/Frontend engineer. Contributions highlights:

- Assisted in design, documentation, and implementation of JSON API for iOS app with lead architect.
- Created sign-up application on strict deadline that created 5 different models simultaneously within main controller.

### **Technical Research Analyst – *Comr.se*** (Fall 2013)

Completed first stage discovery for developer planning team on 8 major eCommerce API's.

### **Health IT Primary - *CyberStreams, Inc.*** (Spring '12 – Fall '13)

Personally managed 10 email migrations and numerous IT network projects. Oversaw 3 client's HIPAA Compliance and data security programs.

## PROJECTS

### **www.ensong.us** (*Rails, Backbone*) | [live](#) | [github](#)

*Ambient music creation web-app based on user-uploaded audio files.*

Customized JSON serializers for data structures to reduce data transferred.

Created custom animations using jQuery

Duplicated associations for demo accounts without duplicating underlying AWS-hosted data.

Nested form creates multiple types of models within a single transaction.

**Handcar (Ruby) | [github](#)**

*Cloned basic Active Record functionality*

Active Record associations rebuilt with Ruby metaprogramming.

Risk of SQL injection attacks removed by escaping all queries

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**SKILLS**

**Ruby, Rails, JavaScript, RubyMotion, jQuery, Angular.js, Backbone.js, Git, SQL, HTML, CSS, TDD, Object Oriented Design**

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**EDUCATION**

**BA Economics**

Seattle University

*Coursework: Micro/Macro Economics, Linear Algebra, Calculus 3, Statistics*

**PORTFOLIO** [www.benjaminclaywatts.com](http://www.benjaminclaywatts.com) • **GITHUB** [justalistingman](#)

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