Robert Liles

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Recent Projects

Couchshare.net (live: www.couchshare.net, github: github.com/robertliles/couchshare)

- A clone of the traveler hosting network couchsurfing.org created with Ruby on Rails and Backbone.js
- Facilitated integration with third-party map APIs by writing validations for geocoding user address input
- Forked Backbone router initialization method to allow for flexible navigation between Backbone-generated views and Rails-generated views
- Declared custom JSON structures for models to optimize data transfer

LiteRecord (github: https://github.com/robertliles/literecord)

- Replicated Rails' Active Record query interface using Ruby metaprogramming
- Used custom SQL queries to imitate Active Record's find, update, and insert methods

Asteroids.js (github: https://github.com/robertliles/asteroids.js)

- An object-oriented JavaScript implementation of the classic arcade game
- Used vector algebra and trigonometry to calculate objects' movement and rotation

Languages and Technologies

Ruby, Rails, JavaScript, Backbone.js, jQuery, SQL, Node.js, RSpec, HTML, CSS, Git, TDD

Education

Yale University, New Haven, CT   *August 2007—May 2012*
B.A. in Philosophy, *summa cum laude,* GPA: 3.96

- Graduate-level coursework in Logical Computability and Philosophical Logic
- Phi Beta Kappa academic honor society, induction extended to the top 10% of graduates

Professional Experience

Fulbright Scholar, U.S. Department of State   *August 2012—July 2013*
Affiliation: Seoul National University, Department of Aesthetics

- Research on Asian abstract painting to be published in *Art Asia Pacific*
- Contributed Korean-to-English translations to books on Korean modern art
- Presented at the annual Fulbright conference in Jeju

Curatorial Assistant, Yale University Art Gallery   *January 2008—May 2012*

- Revised museum database system to account for over 1000 works of art that had been previously un-searchable by the public
- Collaborated with senior curators to co-curate an exhibition of American minimal and conceptual art; exhibition positively reviewed in the *New York Times*