

Maxfield Lewin

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PROJECTS

Savant | [live](#) | [github](#)

A collaborative text-annotation app inspired by Genius

- Single page app built on Backbone.js with a RESTful JSON API in Rails
- User auth from any view without redirect, or through Twitter OAuth
- Uses the JavaScript DOM API so users can highlight sections of a text and create annotations anchored to the specific portion of text
- Multi-field search with real-time results using jQuery and PgSearch gem

Rails Lite | [github](#)

A web server implementing a subset of features from Rails ActionController

- Uses metaprogramming to dynamically instantiate user-defined routes
- Parses request parameters
- Generates response with flash & session cookies, CSRF protection tokens

Sloth Volleyball | [live](#) | [github](#)

A 2D volleyball game made with the HTML5 Canvas.

- Implements a 2D vector class for simple physics based gameplay

SKILLS

Ruby, Rails, JavaScript, jQuery, Backbone.js, HTML5, CSS, SQL, git, RSpec

EDUCATION

Web Development, Self Study & App Academy (Oct 2014 - Aug 2015)

- **Self-study** (Nov 2014 - March 2015)
 - Focused on modern web frameworks
- **App Academy** (March 2015 - Aug 2015)
 - Highly selective full-stack course: less than 5% admissions rate

MS Computer Science, University of Chicago, (June 2013 - Sept 2014)

- Concentration in operating systems

Computer Science Self-Study, (Nov 2012 - May 2013)

- Decided to pursue web development. Started with general computer science online and later on concentrated on web development.

BA English Literature, Vassar College, (Sept 2007 - May 2011)

EXPERIENCE

Associate Producer, Education 2020 (now Edgenuity), Mar 2012 - Nov 2012

- Produced online educational curricula for high school students

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Research and Editorial Assistant *Dr. David Allyn, June 2011 - February 2012*

- Reviewed literature on empathy in educational and corporate settings
- Edited academic papers, personal essays, and book proposals