

# Aaron Horton

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I'm web developer with love for text, audio, and color.

## Skills:

Ruby, Rails, Javascript, Backbone.js, HTML, CSS, jQuery, SQL, RSpec

## Education:

**The University of Chicago, Chicago, IL**  
**Bachelor of Arts, English Language and Literature, June 2010**  
*Emphasis on Creative Writing, with an Honors Thesis in Non-fiction.*

## Projects:

### **Prosody** [link](#) | [github](#)

*Genius, for poets. Minimalist design/controllers. Backbone.js front end with a Rails API*

Ultra-lazy front-end: forms and buttons display on the fly in response to user action.

Leverages Google and Wikipedia APIs to build author information pages on the fly

Rewrites Backbone's 'toJSON' and 'parse' methods on multiple models to facilitate construction of (doubly-)nested collections.

Rails controllers defer to jQuery -- logical heavy lifting done inside Rails models.

### **asteroids.js** [github](#)

*The classic arcade game, constructed with Canvas and Javascript*

Applies vector algebra to calculate asteroid bounce angles and bullet direction.

Asteroids fragment when destroyed-- game smoothly handles additions to environment.

### **checkers.rb** [github](#)

*Checkers on the command line, with a few tricks.*

Well organized, extremely readable code.

Autocompletes chains of multiple jumps, pausing for user input only if necessary.

## Work Experience:

### **Northwestern University School of Law**

#### **Facilities Program Assistant**

Coordinated work in four buildings in the downtown campus. Applied the principles of Agile project management while organizing office moves, demolition, and scheduling for the multi-million dollar Atrium expansion project, spanning over a year.

## Other Interests:

Co-host of the [Guy Friends Podcast](#), hater of [dating opinions](#), writer of [plays about time travel](#).