

# Riley Littlefield

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[Portfolio](#) [GitHub](#) [LinkedIn](#)

## PROJECTS

**AnkiClone** full stack, single-page flashcard app. [Github](#)

**Languages/ Frameworks** Ruby, JavaScript, HTML, CSS, Rails, React, Flux, PostgreSQL, Canvas

- Flashcard & deck creation supported by frontend Flux cycles synced with Rails/ PostgreSQL backend.
- Smart deck review system that draws flashcards using a spaced repetition algorithm.

**Terminal Chess** command line chess app. [Github](#)

**Languages** Ruby

- Supports computer player AI.
- Utilizes class inheritance and Ruby modules to produce DRY, readable code.

**Zombie Escape** 2D browser game written in JavaScript. [Github](#)

**Languages/ Libraries** JavaScript, Canvas.js, Keymaster.js

- Sprite animation and zombie variety supported through object oriented design.
- Complex zombie chasing/ herding achieved through simplified boids (herding units).
- Moving characters animated through a series of callbacks.

## SKILLS

Ruby, JavaScript, HTML, CSS, Rails, React.js, Flux, Node.js, Webpack, Canvas.js, PostgreSQL, Java, Processing, Mathematica, Google Maps

## EDUCATION

**App Academy**, New York NY

Apr 2016 - Jul

2016

- Coding bootcamp. Teaches full-stack web development.
- Current admission rate is approximately 3%.

**Stetson University**, DeLand FL - *Mathematics*

Aug 2011 - May

2015

BS - Mathematics, Minor - Physics, GPA: 3.9

*Relevant Coursework*

- Intro to Programming, Intro to Logic and Proof, Statistics & Probability, Calculus/ Modeling
- Honored with Undergraduate Research Award for contributions to Vertex Perfect Graphs

## WORK HISTORY

**WinBe English School**, Narita Japan  
2015

Aug 2015 - Dec

*English Teacher* : Instructed students ranging 2 - 15 years old in practical English.