Peter Hechler

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Projects

Imgir | Full Stack   Live ● GitHub
Image-hosting app based on Imgur (Ruby on Rails, JS, React/Flux)
- ❑ Allows for scale by storing uploaded images in the cloud with AWS S3.
- ❑ Built with RESTful Rails backend serving JSON API to a React/Flux frontend.
- ❑ Optimizes load time by dynamically resizing images with Paperclip and ImageMagick.

Shrouded City | Front End   Live ● GitHub
A dungeon crawler browser game built with JavaScript and Pixi.js.
- ❑ Tracks wall locations with a 2d array, minimizing wall collision checks.
- ❑ Builds game objects through composition, keeping code modular.

Feels Train | Back End   GitHub
Lightweight MVC framework (Ruby, RSpec)
- ❑ Uses Ruby metaprogramming to dynamically handle requests, leading to DRY code.
- ❑ Eases future development and maintains reliability through full test coverage.

Skills

Ruby	JavaScript	React.js	HTML5	Git	Python
Ruby on Rails	jQuery	SQL	CSS3	RSpec	C++ (learning)

Education

App Academy   February 2016 - April 2016
1000 hr Full Stack Web Development Course with 3% acceptance rate.   New York, NY
- ❑ Heavy focus on pair programming, best practices, and OOP.

Dickinson College   August 2010 - May 2014
B.A. in German and Philosophy.   Carlisle, PA
- ❑ **GPA 3.6,** Cum Laude, Dean's List, Departmental Honors in German,
  Wieland Endowed Prize for Excellence in German.

Experience

App Academy   September 2016
Jumpstart Instructor
- ❑ Held lectures for over 50 students on code fundamentals, chiefly in Ruby.
- ❑ Assisted students in quickly debugging their projects and teaching debugging methodologies.

Fulbright Scholar   August 2014 - June 2015
English Teaching Assistantship   Münster, Germany
- ❑ Instructed over 500 German high school students in American culture and language.
- ❑ Led two separate intensive English courses for Oxford Exam preparation.