Gregory Kane

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Projects

Getsy   Live | Github
Online marketplace for handmade goods inspired by Etsy
- Single-page Backbone app consuming RESTful JSON Rails API
- Custom authentication using BCrypt overrides User#password= method to store secret hash instead of plain text
- Log in with Twitter via Omniauth

Asteroids   Live | Github
Arcade classic built in JavaScript for the browser
- Utilizes HTML5 Canvas drawing

ActiveRecord Lite   Github
An ORM inspired by ActiveRecord
- Relies on Ruby's metaprogramming capabilities

Skills

Ruby on Rails	**JavaScript**	**jQuery**	**Backbone.js**
Ruby	**SQL**	**Git**	**HTML**	**CSS**

Education

App Academy   *2015*
Full-stack web development course, acceptance rate < 5%

BS in Aerospace Engineering, Penn State University *2002 - 2006*
- Minor in Engineering Mechanics
- Schreyer's Honors College

Experience

Executive Chef - Landis Creek Golf Club   *2010-2014*
- Grew inside of company from dishwasher to Chef
- Reduced food cost by over 25% and increased kitchen efficiency

Research Assistant - Penn State University   *2007-2009*
- Design, fabrication and testing of flexible matrix composites
- Wrote programs in both Matlab and C++ for weight-based optimization
- Weight based optimization codes in both Matlab and C++

Structural Analyst - Sikorsky Aircraft   *2006*
- Decreased costs by 40% through feasibility analysis of repair procedures of composite structures
- Worked with team in approving upgrades to Blackhawk helicopter