

# Katrina Nova

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[Portfolio](#) [Github](#) [LinkedIn](#)

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## TECHNICAL EXPERIENCE

**Web Developer - Artforum** - New York, NY - (Nov '15 - now)

*Lead developer of the most popular gallery listing app "Artguide"*

- Implemented with React Native, using standard iOS platform components to ensure excellent UX and performance.
- Upgraded Rails backend from version 3 to 4 to improve maintainability

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## PROJECTS

**React Native (JavaScript)**

*Library developed by Facebook to build native mobile apps with JS and React*

- Committed code that makes Navigation Components more robust

**ColorNote (Rails, Backbone, JavaScript)** | [live](#) | [github](#)

*A web application to create, organize and share notes and files*

- Uploads user generated images to the cloud using Paperclip and AWS S3, allowing for scale
- Auto-saves notes in real-time to prevent data loss
- Allows login with Facebook or Twitter for a seamless UX

**Chess (Ruby)** | [github](#)

- Implements Computer Player AI using a Depth First Search algorithm to generate move tree

**Asteroids (JavaScript, HTML5 Canvas)** | [live](#) | [github](#)

*Browser version of the classic arcade game implemented with HTML5 Canvas*

- Uses radial geometry & trigonometry to dynamically animate game objects

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## SKILLS

JavaScript

Ruby

React.js

Backbone.js

SQL

HTML5

Python

Rails

React Native

jQuery

Git

CSS3

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## EDUCATION

**App Academy**

*New York, NY (2015)*

- Intensive full-stack web development program; acceptance rate < 3%
- Wrote programs daily in Ruby, Rails, JavaScript, Backbone and React

**Saint Petersburg State University of Economics and Finance**

*B.S. Finance and Credit (2006-2010)*

- Relevant Courses: Computer Science, Calculus, Statistics, Probability

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## WORK EXPERIENCE

**Consultant - EUUS Advisors**

*New York, NY (2013-2015)*

- Boosted client base by 30% through new pricing and marketing strategy

**Financial analyst - JSC Karund**

*St Petersburg, Russia (2009-2010)*