DAVID NOAH

RECENT PROJECTS

RUCKUS GITHUB | LIVE

- Built a music sharing and streaming web application, inspired by SoundCloud
- Used Ruby on Rails to create a RESTful API and single-page rendering using React.js
- Hand-rolled integration with Amazon S3/AWS which resulted in instantaneous playback, allowing the app to scale gracefully

DESTINATION ASTRAEA GITHUB | LIVE

- Developed a Javascript/HTML5 Canvas game inspired by the Atari classic, Lunar Lander
- Generated dynamic collision detection and simulated gravity in HTML5 Canvas by using vector math for game state updates

CHUCKIT GITHUB | LIVE

- Developed a Google Chrome Extension that temporarily deletes any html element on your active page
- Identified most specific child element using Javascript's event delegation and iterated through all parent nodes to ensure specificity

SKILLS

Ruby   Ruby on Rails   Javascript   React.js   Flux   SQL   jQuery
PostgreSQL   Git   HTML   CSS   ArcGIS   AML   R Statistics

EXPERIENCE

SOFTWARE ENGINEER, APP ACADEMY — 2016-PRESENT

- Conducted 100+ technical Skype interviews and developed new coding prompts for the admissions process
- Ventured into an existing code base and learned the team's development work-flow
- Redesigned and refactored App Academy's internal application tools built in Rails

CO-FOUNDER, ACACIA LEADERSHIP — 2014-2015

- Led and organized caving and climbing expeditions for corporate clients with a focus on communication, leadership, and team development

GIS SPECIALIST, ENVIRONMENTAL PROTECTION AGENCY — 2013-2014

- Built spatial data visualizations of sea level rise, NYC's urban heat index and other climate change issues using ArcGIS and R Statistics

EDUCATION

UNIVERSITY OF MARYLAND, COLLEGE PARK, MD.

B.S. - COMPUTER CARTOGRAPHY, GEOGRAPHIC INFORMATION SYSTEMS, 2013

APP ACADEMY, SAN FRANCISCO, CA

- Immersive full-stack web development course with a < 3% acceptance rate
- Emphasis on Ruby, Rails, Javascript, React.js, OOP, Test Driven Development, Algorithms, Pair Programming, Time-Complexity, and Programming's Best Practices

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