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, RAPIDAPI – 2016-PRESENT

- Led the development of RapidAPI's OAuth generator micro-service (React.js/Node.js)
- Built our entire internal analytics dashboard which queries and visualizes up to date user data to optimize targeted marketing (React.js, Node.js)
- Facilitated a company merger by migrating 2 different platforms and over 340,000 users into one centralized database (Redis, MySQL, PostgreSQL, Node.js)

SOFTWARE ENGINEER, APP ACADEMY – 2015-2016

- Conducted 100+ technical Skype interviews and developed new coding prompts for the admissions process
- Redesigned App Academy's internal application tools (Rails/React.js)
- Taught hundreds of students about the fundamentals of Ruby and Object Oriented Programming

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 (ArcGIS, R, and Python)

EDUCATION

UNIVERSITY OF MARYLAND, COLLEGE PARK, MD.
B.S. - COMPUTER CARTOGRAPHY, GEOGRAPHIC INFORMATION SYSTEMS, 2013

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