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# DAVID NOAH

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## 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 – 2017-PRESENT**

- Led the development of RapidAPI's OAuth generator micro-service (React.js/Node.js)
- Built our 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 architecture (Redis, MySQL, PostgreSQL, Node.js)

### **SOFTWARE ENGINEER, APP ACADEMY – 2016-2016**

- 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**