

# GRAHAM JOHNSON

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## TECHNICAL SKILLS

JavaScript, React Redux, Ruby on Rails, NodeJS, Express, Python, SQL, Git, Web Audio, HTML5 CSS3

## PROJECTS

### **Scenius** Fullstack Genius.com clone

[Live](#) [Git](#)

Built with React/Redux, NodeJS, Ruby/Rails, PostgreSQL, Webpack, Heroku, NokoGiri/WebURI

- User auth and text annotation system built from scratch
- Webscrapers auto-populate artist objects with Wikipedia metadata
- Custom backend controllers provide scalable live querying & display

### **Dissect** Multitrack audio player/remixer

[Live](#) [Git](#)

Built with NodeJS, Web Audio API, Wavesurfer & Pizzicato libraries

- Audio tracks can be “remixed” with selective panning, toggling, reverb, & distortion
- Careful architecture of event listeners & audio context creation/dissolution helps libraries play well together

## EXPERIENCE

### **Are.na** Consultant (New York, 2017-18), API Project (2019)

- Researched future & history of the web: Xerox PARC, Ted Nelson’s hypertext, information management.
- Currently building web app synchronizing the Are.na & Wayback API to audit link archival.

### **CUIT** Network Technician (New York, 2015-17)

- Troubleshoot network outages with Nagios and Netmon software tools.
- Sole technician on night and weekend shifts.
- Built out technical documentation in departmental wikia.

### **Consortia** Strategist & Researcher (New York, 2017-18)

- Principal researcher for clients incl. Harvard Graduate School of Design.
- Built out research decks, traveled btwn Cambridge and New York to give client presentations.

### **Guggenheim Foundation** Architecture & Digital Initiatives Researcher (NY, 2017)

- Primary departmental researcher; briefed head curator in weekly 3hr+ presentations.

## EDUCATION

### **App Academy**, 2019, New York, NY

Top international software program. 2% acceptance rate, 1500+ hrs fullstack experience, curricular emphasis on React, Rails, and other cutting-edge architectures.

### **Columbia University**, 2013-17, New York, NY

American Studies, Dean’s List 2014-16. Courses in system design, information theory, intro programming.

## NONTECHNICAL

Verbal, written, & presentation strengths. English/Spanish bilingual.