

# GRAHAM JOHNSON

[gdjohnson.github.io](https://gdjohnson.github.io)  
g.johnson@columbia.edu  
(805) 503-9657

## TECHNICAL SKILLS

JavaScript, React/Redux, Ruby/Rails, SQL, Git, jQuery, Web Audio, HTML5/CSS

## EDUCATION

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

Top intl software engineering program. Sub-3% acceptance rate, 1500+ hrs full stack experience.

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

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

## PROJECTS

### **Scenius** Fullstack Genius 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 & Editor (New York, 2017-18)

Consulted, wrote, edited, and researched for software startup Are.na, running articles on the future of the web, Xerox PARC, hypertext, Ted Nelson, and information management theory. Maintained blog with Git.

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

Troubleshoot network failures, performed wireless surveys, and monitored university network with Nagios software. Built out technical documentation & acted as sole technician during night shifts & weekends.

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

Principal researcher for clients including Harvard Graduate School of Design. Built out Wikipedia pages and research decks for clients. Traveled between Cambridge and New York for client presentations.

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

Primary departmental researcher. Briefed head curators in weekly 4hr+ long presentations as preparation for upcoming 2020 Countryside exhibition at the New York Guggenheim location

## NONTECHNICAL

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