

GRAHAM JOHNSON

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TECHNICAL SKILLS

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

PROJECTS

Scenius Fullstack Genius.com clone

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

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

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), Technical Consultant (2019)

Consulted, wrote, edited, and researched for software startup Are.na, running articles on the future of the web, Xerox PARC, Ted Nelson’s hypertext, and information management theory. Transitioned 2019 to software work, building a tool synchronizing the Are.na and Wayback Machine APIs to archive content.

CUIT Network Technician (New York, 2015-17)

Troubleshooting 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

EDUCATION

App Academy, 2019, New York, NY

Top international software dev program with 2% acceptance rate, 1500+ hrs full stack 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.