

Julia Soper

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SKILLS

Ruby
JavaScript

Rails
React

SQL
Flux

HTML
jQuery

CSS
Git

PROJECTS

SoundCrowd (Ruby on Rails, React.js/Flux)

[Live](#) | [GitHub](#)

Social site for sharing recordings via AWS, based on SoundCloud

- Frontend and backend user authentication for improved user experience
- Searchable database searches tracks by description, title and user using PgSearch
- Implements Amazon Web Services with Paperclip to allow user uploads of both images and recordings

PocketWalk (JavaScript, Google Maps API)

[Live](#) | [GitHub](#)

Flexible walking tour generator

- Mobile-compatible front-end app generates tours and directions using Google Maps API
- Implements “jQuickly,” a tailored lightweight version of jQuery built in JavaScript

Wavy (JavaScript, Canvas, Web Audio API)

[Live](#) | [GitHub](#)

Adjustable audio visualizer

- Implements Web Audio API to analyze frequencies of the audio output to create corresponding visuals
- Features custom colorpicker by calculating relative click position and dynamically adjusts visualization

EXPERIENCE

JOYSTICK INTERACTIVE

New York, NY

Interactive Developer

MAY 2016 - PRESENT

- Spearheaded effort to build a curriculum for establishing best practices and onboarding new engineers
- Planned and developed projects in a wide variety of languages and frameworks
- Learned some basic deployment and devops skills to provide broader skill-sharing across company

DEPARTMENT OF JUSTICE

Philadelphia, PA

Senior Language Specialist

JUL 2011 - JAN 2016

- Provided cultural and language analysis to FBI upper management on mission critical cases

EDUCATION

APP ACADEMY

New York, NY

Full-stack web development student

FEB 2016 - APR 2016

- Developed full-stack applications in multiple languages through an intensive 1000 hour immersive bootcamp, with a focus on pair programming, OOP, and best practices with an acceptance rate of < 3%

SWARTHMORE COLLEGE

Swarthmore, PA



[Portfolio](#)



[Github](#)



[LinkedIn](#)

- Graduated from “a top 10 most selective” college in three years with honors

VOLUNTEERING

SCRIPTED

New York, NY

Volunteer teacher, curriculum design contributor

AUG 2016 - PRESENT

- Teaches HTML, CSS, JavaScript and Github to help high schoolers in under-resourced schools in New York break into tech
- Coaches at student hackathons
- Consults on curriculum development