

Zane Brzezinski

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PROJECTS

Sine (Rails, React/Flux) | *Full-stack design and development*

[live](#) | [github](#)

Video sharing website based on Vine

- Trims video on backend with FFMPEG for space-efficient cloud storage on AWS S3.
- Implements function to preview trimmed video by setting loop length on frontend
- Generates feed content dynamically depending on context of loops (i.e. user show, index, reverse-chronological feed, like-feed)

Drum Machine (Rails, React/Flux, Canvas) | *Front-end engineer*

[live](#) | [github](#)

Playable drum machine using HTML5 audio

- Saves patterns to browser cookie to allow saving without authentication
- Stores each instrument as single <audio> tag, preventing multiple instances of sound playing and decreasing load time

ActiveRecord Lite (Ruby) | *Ruby design*

[github](#)

ORM inspired by Active Record

- Manipulates strings using ActiveSupport::Inflector to generate conventional table/model/controller namings, reducing boilerplate code
 - Generates relevant SQL queries based on user specified object relational mappings
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SKILLS

Ruby

Rails

Javascript

jQuery

React/Flux

HTML

CSS

SQL

Processing

Arduino

EXPERIENCE

Audio-Engineer - WNYU Radio (2008 - 2011), KRTS Radio (2013-2014)

- Recorded 50+ professional bands as audio equipment operator and engineer
 - Designed team-wide procedure for vocal compression, saving dozens of man-hours
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EDUCATION

Web Development - App Academy (2015-2016)

- Immersive 12 week software development course with < 3% acceptance rate
- Coded for 250+ hours in strict pair programming environment
- Emphasis on quality code, TDD, and teaching industry standard design conventions

BFA Education - New York University (2007-2011)

GPA 3.3, Minor in Web Applications and Design

- Course in Physical Computing at NYU Interactive Telecommunications Program

PORTFOLIO www.zanebrzezinski.com • GITHUB <https://github.com/zanebrzezinski>

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