

# 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 back-end with FFMPEG for space-efficient cloud storage on AWS S3.
- Implements function to preview trimmed video by setting loop length on front end
- 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

**Active Record Lite** (Ruby) | *Ruby design*

[github](#)

*ORM inspired by Active Record*

- Manipulates strings using ActiveSupport::Inflector to generate conventional table/model/controller namings, preventing extra boilerplate code
  - Manipulates strings using ActiveSupport::Inflector, eliminating need to
  - 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

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## 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 and TDD environment
- Emphasis on quality code and teaching industry standard design conventions

**BFA Education** - New York University (2007-2011)

*GPA 3.3, Minor in Web Applications and Design*

- Course completed in Physical Computing at NYU School of Interactive Telecommunications Programming

PORTFOLIO [www.zanebrzezinski.com](http://www.zanebrzezinski.com) • GITHUB <https://github.com/zanebrzezinski>

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