



AARON ZICK

Software Developer | [GitHub](#) | [LinkedIn](#) | [Angellist](#) | [Portfolio](#)
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SKILLS

Ruby | Rails | JavaScript | jQuery | React | AJAX
Redux | SQL | Git | HTML5 | CSS | Rspec | TDD | AWS

PROJECTS

Let's Go Eros | (React/Redux, Rails 5, PostgreSQL)

[Live](#) | [Github](#)

Single-page web app for online dating

- Constructed a RESTful API allowing users to create profiles, upload profile pictures using Amazon Web Services, and generate responses to questions that provide data for my match percentage algorithm
- Built custom routes utilizing regex to allow for real-time validation of user input
- Demonstrated performance, searchability, and scalability of app by building extensive seed data, using Faker gems to randomize content and RubyStats to generate realistic heights along a Gaussian curve.
- Integrated Google Maps API to prioritize matches near the user, personalizing the user's experience and reducing rendering times by not fetching irrelevant data.

Ohio Jackson - The Game | (JavaScript, Canvas, NPM)

[Live](#) | [Github](#)

Interactive browser video game

- Render player controlled animated sprites on a canvas element using JavaScript event listeners and the requestAnimationFrame API to create beautiful nostalgic graphics
- Leveraged Object Oriented Programming principles to write DRY, modular code, in order to flexibly and easily populate the game with projectiles and items in response to the player's performance
- Utilized sets to ensure efficient memory use by guaranteeing the browser doesn't spend resources calculating the positions of removed game objects, allowing for smooth and fast performance

EDUCATION

App Academy | New York, NY | 2018 - 2019

- Intensive full-stack web development program with an extremely selective (< 3%) admissions rate

Vancouver Film School | Vancouver, British Columbia, Canada | 2012

Sound Design for Visual Media

- Mastery of Pro Tools; instruction in Max/MSP, SuperCollider, Audacity, SoundHack, Spear, and other audio software

Brown University | Providence, RI | 2007 - 2011

Electronic Music and Multimedia

- Instruction in Pro Tools, Logic, Max/MSP, Processing, Arduino, Sibelius, C++, Matlab, HTML

EXPERIENCE

Good Baby Films | New York, NY | 2015 - Present

Co-Founder, CFO, Sound Mixer and Designer

- Boutique production company with many projects, including the [100 Monologues Project](#) and features premiering at major film festivals later this year
- Used various technologies in my roles as sound mixer (Pro Tools) and CFO (QuickBooks, Excel)