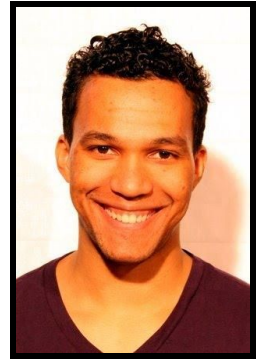# AARON ZICK

Software Developer | GitHub | LinkedIn | AngelList | Portfolio
853 Prospect Pl, 2FL, Brooklyn, NY 11216 | 919.744.1283 aaron.zick@gmail.com

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, generate responses to questions that provide data for my match percentage algorithm, and 'heart' or message other users
- Demonstrated performance, searchability, and scalability of app by building extensive seed data, using Faker gems to randomize content and RubyStats to generate realistic user 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)