DEREK WOLPERT

New York, NY 10024 | Cell: (862) 812-5111 | Email: me@derekwolpert.com

LinkedIn: derek-wolpert | AngelList: derek-wolpert | GitHub: derekwolpert | Portfolio: derekwolpert.com

SUMMARY

Driven software engineer with direct experience in modern web technologies. Lifelong desire for intellectual and personal growth. Looking for a challenging and rewarding opportunity where I can utilize my analytical and creative strengths to the fullest extent.

SKILLS

React | Redux | JavaScript | Ruby on Rails | Ruby | SQL | PostgreSQL | HTML | CSS | Canvas | D3 | NPM | Webpack
RESTful APIs | Test-driven Development (TDD) | Git | Gulp | Sass SCSS | Web Audio API | Heroku | Netlify | AWS

PROJECTS

CalmCloud | Music Streaming Service built w/ React, Redux, Ruby on Rails, PostgreSQL, AWS   Live **|** GitHub
- Leveraged React's virtual DOM structure to deliver constant audio playback across multiple routes/components
- Employed Redux store to provide tailored content to a user depending on their logged-in status
- Designed REST API, integrated w/ PostgreSQL database and AWS S3, for efficient storage/retrieval of information
- Enacted comprehensive CRUD (create, read, update, delete) behavior, with Rails back-end, for management of account information, audio/image file distribution, text comments, content favoriting, and user subscriptions
- Implemented error handling for text inputs, including qualifications and validations for account and track details
- Produced polished and intuitive user interface with attentively crafted CSS styling and dark color theme
- Generated dynamic progress bars and statistics to offer insight into track details and user engagement

vi·si·cal·i·ty | Audio-Visualizer Web Application built w/ JavaScript, D3.js, Web Audio API   Live **|** GitHub
- Applied Web Audio API for persistent processing of audio files, and extraction of frequency and waveform data
- Incorporated D3.js Library to meticulously craft and render a collection of widely distinct visualizers
- Utilized responsive web design (RWD) approaches to accommodate real-time resizing of webpage's contents
- Flexible, optimized UI/UX with on-screen and keyboard controls, automatically hides when visualizer is active
- Customizable color options for visualizer, background color gradient, and favicon for enhanced user interactively

EDUCATION

App Academy (2019) **|** *New York, NY* **|** Certificate of Completion
   Full-Stack Web Development program w/ 1000+ hours of programing experience and <5% acceptance rate

New York University (2016 – 2017) **|** *New York, NY* **|** Cinema Studies, Producing, Mathematics

The New School (2015) **|** *New York, NY* **|** Screen Studies, Culture & Media

Lafayette College (2010 – 2012) **|** *Easton, PA* **|** Engineering

EXPERIENCE

Global Moderator | *KanyeToThe* (2013 - 2019)
- 1 of 12 global moderators on an Internet forum with over 121,000 users, 34 million posts, and 3 billion pageviews
- Website moderation, e.g. locked, deleted, moved posts, and banned users as needed
- Assisted users, e.g. addressed instances of harassment, racism, sexism, and removal of personal information
- Collaborated with admins to improve user experience, e.g. proposed new subsection to diversity website appeal

Sales Associate | *RadioShack* (2011) **|** *Madison, NJ*
- Independently opened and closed store, completed and dropped off daily bank deposits
- Introduced customers to distinct electronic products to meet their specific needs
- Worked jointly with coworkers to maintain structure and productively in retail environment