

Tony Shaker

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Projects

FetchAChef (Rails, PostgreSQL, JavaScript, React, jQuery, Redux) | [live](#) | [github](#)

Uber meets home cooking in a shareconomy app that integrates all of the functionality of PetBnB, but with numerous improvements including:

- Utilizes ES6, React 16, and Redux as well as a separation between container and presentational components to keep code up-to-date with current trends and best practices
- Leverages promises to handle async functionality
- Improves UX by introduction of different user classes and personalization for each including security features to prevent access to protected paths as well as responsive UI design optimized for varying browser sizes
- Increases integrated Google Map functionality including tracking of current location to give users a personalized experience
- Optimizes runtime by enabling frontend query parsing via History

PetBnB (Rails, PostgreSQL, JavaScript, React, jQuery, Flux) | [live](#) | [github](#)

Pet rental single-page app inspired by AirBnB utilizing a RESTful API.

- Integrates Google Maps API to optimize search and enhance UX
- Provides dynamic result filtering via custom SQL queries for server optimization
- Stores image uploads in the cloud via AWS S3, allowing app to scale

Mario Bros. Classic Lite (JavaScript, HTML Canvas API) | [live](#) | [github](#)

Browser game inspired by Mario Bros.

- Maps coordinates of objects via instance variables for real time collision detection
- Utilizes event listeners to trigger movement resulting in a seamless UI

GoGolInspectorQuery (JavaScript) | [github](#)

A lightweight vanilla JavaScript library inspired by jQuery

- Allows DOM manipulation, event handling, and AJAX requests

Experience

Owner/Director/Producer – Shaker Productions (December 2016 – January 2018)

- Owned and operated a small business consisting of 12+ people and a six figure budget that successfully released a feature film on iTunes, Amazon, Google, cable boxes nationwide, etc. in under a year
- Awarded in multiple international screenwriting competition for other written works
- Created and maintained online presence via handcrafted websites and social media while leveraging Google and Facebook ads and analytics to adaptively target specific demographics and increase returns
- Wrote code to optimize data collection saving hundreds of hours of manual input

Software Engineer – Axial (October 2016 – December 2016)

- Contributed to the creation of a new reactive frontend using AngularJS, Redux, and RxJS to allow company scalability

JumpStart Head Teaching Assistant – App Academy (September 2016 – October 2016)

- Led a group of three other Teaching Assistants to perform code demonstrations of core Ruby concepts for a class of ~50 students
- Advised a pod of 15 students, answering in depth technical questions to further their understanding of programming concepts

Technology Consultant – Elhamy Shaker MD, LLC (January 2010 – June 2016)

- Implemented, maintained, and troubleshoot Electronic Medical Records (EMR) data system of 5,000+ patients; reduced patient lookup and wait times significantly and improved overall efficiency by 60%

Technical Skills

Ruby
Rails
JavaScript
jQuery
React.js
Redux
SQL
Git
HTML5
CSS3
TDD
Heroku
AWS S3

Education

App Academy
(Summer 2016)

- Rigorous 1000-hour full-stack programming bootcamp with <3% acceptance rate
- Topics include: Rails, React, TDD, scalability, algorithms, OOP, coding style, single-page apps, and web development best practices

University of Pennsylvania

(Sept 2012 – May 2013)

- Left in good academic standing with a 3.53 GPA to pursue other interests
- Inducted into the National Society of Collegiate Scholars
- Relevant Courses: Introduction to Computer Programming

Bergen Catholic HS

(Sept 2008 – May 2012)

- Valedictorian
- SAT Scores: Math 800 / Verbal 780 / Writing 790

Foreign Languages

- Proficient in Arabic (Egyptian dialect)