Bilal Itani

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Projects

aZana | *Full Stack Engineer* (2016)   Live ● GitHub

A project management site where teams can keep track of tasks to complete a project.

- ❑ Developed entire website application inspired by Asana using Rails, JavaScript, React and the Flux cycle, including user authentication and a single page workflow.
- ❑ Leveraged the Facebook Flux cycle with React to allow users to create teams, projects within teams, and tasks within projects to track the progress of said project, and dynamically edit the DOM using API calls to the SQL database.

jQuery Lite | *JavaScript Developer* (2016)   GitHub

A custom version of jQuery that performs most core features of jQuery.

- ❑ Developed framework with a partner that allows users to make AJAX calls using HTTP requests to access a database, and loaded HTML elements as collections to allow appending and other modifications to the DOM in real time using plain JavaScript.

Invoke | *Solo Developer* (2015)   Demo ● GitHub

Video game using gesture recognition and other advanced programming techniques.

- ❑ Built entire game including code, textures in Photoshop CC, 3D modeling and animation in blender, procedural generation of maps, pathfinding for all characters, AI for enemies and gesture recognition for touchscreens and mouse movements.
- ❑ Recognized gestures as user input using a point cloud matching algorithm for touchscreens and mouse axes to allow players to draw and cast spells.

Skills

Ruby	Javascript	Node.js	Unity3D	HTML	Git
Ruby on Rails	React	Flux	SQL	CSS	RSpec

Experience

Rebound (reboundgame.com)   **2015 - 2016**

Solo Developer   Kalamazoo, MI

- ❑ Developed and sold a video game for the Windows, Mac, Linux, and Android platforms on The Google Play Store, and The Humble Store over 8 months.
- ❑ Created 2D sprites and various graphics in Photoshop CC, and developed GUI features.
- ❑ Designed and published the entire website for Rebound using WordPress, and designed any required graphics using Adobe Photoshop CC.

BroadLeaf Outdoor (broadleafoutdoor.com)   **2015**

Web Developer   Kalamazoo, MI

- ❑ Developed a website including a hosting account, customer accounts, e-commerce products, and website management accounts for startup company BroadLeaf Outdoor using WordPress, Woo Commerce, and Photoshop CC.

Education

App Academy   **May 2016-August 2016**

1000-hour full-stack programming bootcamp with <5% acceptance rate   San Francisco

Western Michigan University – CS Major   **2014 - 2016**

Left college in good academic standing to pursue a Web Development career   Kalamazoo, MI

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