

DANIEL ARANGO

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SKILLS

* JavaScript * Python * Node.js * Ember * Angular * Express * MySQL * NoSQL * MongoDB *
* D3 * jQuery * Linux * SASS * Bootstrap * CSS3 * HTML5 *

PROJECTS

Busboy App ([Live Demo](#) [Github Repo](#))

- Styled Using **Sass** and **Bootstrap**
- Solved several service industry problems:
 - ❖ Created forms for employees to insert tips, hours, averages
 - ❖ Create and amend schedules with informative calendars
 - ❖ Improve work environment with intuitive and simple designs
 - ❖ Authenticate multiple user experience for managers, owner, and employees
- Utilized **D3** Library for designing (easy to comprehend) physical representations of trends in data
- Built in **Angular** for the data binding capabilities
 - ❖ Designed creative ways to collect and bind data to transfer information to multiple controllers
- Currently re-platforming in **Ember** for better emphasis on OOP

Cash-Register ([Live Demo](#) [Github Repo](#))

- A Point of Sale program which collects the total of a customer's order, and calculates the change due assuming this were a physical transition
- Styled with **Bootstrap**
- Built in **Angular** with two customized search algorithms:
 - ❖ One goes through a "purse" with coin objects and reduces the total amount by the value of the largest to smallest coins.
 - The last penny was continuously absent so I book-ended algorithm with **JavaScript's** Round method to keep the floating decimal from disrupting proper calculation
 - ❖ Developed method to iterate through the change and only return once the proper amount of each coin has been discovered

Tic-Tac-Toe Game ([Live Demo](#) [Github Repo](#))

- Originally designed with vanilla **JavaScript** but re-platformed with **Angular** to implement "Factories" (classes) as well as asynchronous calling.
- The computer "AI" bases its decisions off a simple yet powerful **MiniMax** algorithm.
 - ❖ Three levels of AI to choose from: Random, Novice (which makes a poor choice 40% of the time), and the unbeatable Master level which uses **MiniMax** to the fullest extent
- Used **Angular** Views to display different multiplayer and single player boards
- Styled Using **Sass** and **Bootstrap**

WORK HISTORY

Barback

06/2014 - 08/2016

Johnny's Hideaway - Buckhead, GA

Repair-Shop Manager

11/2011 - 06/2014

Baxendale Guitar - Athens, GA

- Managed Repair Shop:
 - ❖ Directed Students and kept track of incoming repairs
 - ❖ Rebuilt/repaired vintage string instruments and modified/custom built electronics

Owner/Manager

05/2007 - 10/2011

3 Steps Management - Hillsborough, NJ

- Started company to manage metal and hardcore bands
- Discovered the band, Iwrestledabearonce:
 - ❖ Made contact at Century Media Records and garnered A&R interest
 - ❖ Negotiated contract with record label

Head Amp Tech/Shop Manager

05/2004 - 10/2011

Sommatone Amplification - Somerville, NJ

- Managed Repair Shop and Artist Endorsements
- Negotiated endorsement contracts and expanded roster by 600%
- Placed amplifiers on TV spots, major US tours, and featured internet spots
- Hand built/repaired/modified custom amplifiers, cables, speaker cabinets, and electric guitars

EDUCATION

Full Stack Engineering: MEAN & LAMP

2016

DigitalCrafts; Atlanta, GA

- * UI/UX Design Course
 - Participated in an extra elective with emphasis on the techniques, strategies, and artistic elements of front-end design.
 - Improved and refined editing skills in both Photoshop and Sketch as well as wireframe tools and concepts.

* Immersive Coding Bootcamp

A 16 Week Course that meets 9-5 Monday through Friday covering in full detail the power, capabilities, and uses for both the MEAN (**MongoDb, Express, Angular, Node.js**) and LAMP (**Linux, Apache, MySQL, Python**) Full Stacks

(B.F.A.) Record Production: Tisch School of the Arts

2003-2007

New York University; New York City

* Double Major in History (B.A.) - with an emphasis on early Middle Ages - at the College of the Arts and Sciences

* Minor in Creative Writing