

DANIEL ARANGO

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SKILLS

* **JavaScript** * **Python** * **Node.js** * **Angular** * **Ember** * **Express** * **MySQL** * **NoSQL** * **MongoDB** *
* **Git** * **D3** * **jQuery** * **Flask** * **Linux** * **SASS** * **BootStrap** * **CSS3** * **HTML5** * **Mongoose** *

PROJECTS

Devcamp.io (Live Demo Version I Github Repo)

- Utilized **Agile SCRUM** methodology to organize work flow with team
- Version I focused on **Python**, **Flask** and **MySQL** queries for the back end:
 - ❖ Connected several tables returning the response data as **JSON** for the front end
- Re-platformed in pure **MEAN** while adding **D3** for visual data representation
 - ❖ Employing **Test Driven Development** for quick implementation of new features
 - ❖ Organized **MongoDB** with embedded fields for easily organized **JSON** responses
 - ❖ Designed all routes in **Express** as well as validation for added security

8 Hour Energy's Database Extraction (Github Repo)

- Jolly Products LLC's **Wordpress** website collected contact data from several forms
- Located and downloaded database
- Data was organized poorly and all forms were dumping pertinent information into a single column on one table
- Organized the data into several logical CSV files for customer usage:
 - ❖ Created several methods to solve the problem combing **Python** and **MySQL**
 - ❖ Ultimately, wrote an advanced query to organize the data using solely **MySQL**

My Custom Sorting Algorithms (Live Demo Github Repo)

- I was inspired by sorting algorithms and decided to create some of my own
- Currently featuring a custom **Bubble** and **Select** Sort
 - ❖ Sorts feature descending functionality and cut down on repetitions

Twitter Clone (Live Demo Github Repo)

- A twitter clone combining **Javascript/jQuery** on the front and **Python** and **MySQL** on the back
- Utilized **SQL** databases to create modify and edit several tables for:
 - ❖ Users
 - ❖ Posts
 - ❖ User interactions
- Required writing complex queries combining multiple tables to collect and organize data
- Refactored redundant functionality to build cleaner/more efficient code
- Designed creative ways to collect and bind data to transfer pertinent information

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**

EDUCATION

Full Stack Engineering: MEAN & LAMP

2016

DigitalCrafts; Atlanta, GA

* Immersive Coding Bootcamp:

❖ Focused on Front and Back end design and concepts.

* UI/UX Design Course:

❖ Improved and refined editing skills in both Photoshop and Sketch as well as wireframe tools and concepts.

(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

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