ABRAHAM SPINDEL

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I am a Full-Stack Web Developer with certification from the University of Texas-Austin Coding Bootcamp and a B.S. in Mechanical Engineering from the University of Wisconsin-Madison. I am able to effectively work and communicate cross-functionally; I enjoy working with both the forest and the trees - a team that works well together is greater than the sum of its parts.

TECHNICAL SKILLS

Languages: Excel VBA, HTML, CSS, JavaScript………………………….
Frameworks: VS Code, Bash/Terminal, Git (GitHub), Bootstrap, Bulma.CSS, Node.js, jQuery……………………

PROJECTS

SHAKR App | github.com/abraspin/Project-1-The-Silent-Marvels- | abraspin.github.io/Project-1-The-Silent-Marvels-
- Cocktail recipes based on ingredient searches. JS tracks cocktail objects; theCocktailDB and Google Maps API utilized
- Core responsibilities: JS for contacting API and parsing data, creating and manipulating cocktail objects for best-match functionality, dynamically rendering search and recipe page elements, and input error checking, and README documentation
- Tools / languages used: Javascript, jQuery, Bulma.CSS, HTML, Font Awesome, Markdown, theCocktailDB API

Weather Dashboard | github.com/abraspin/Weather-Dashboard | abraspin.github.io/Weather-Dashboard
- Weather dashboard app. Utilizes OpenWeather API and renders page on demand, stores searches locally
- Tools / languages used: Javascript, jQuery, Bootstrap, HTML, Font Awesome, Markdown, openWeather.org API

Code Quiz | github.com/abraspin/Code-Quiz | abraspin.github.io/Code-Quiz
- A very silly quiz with very silly rules. An interactive web app quizzes the user on basic coding questions, storing high scores in local storage. Utilizes timers, dynamic HTML rendering with JS, and local storage
- Tools / languages used: Javascript, jQuery, Bootstrap, HTML, Font Awesome, Markdown

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EDUCATION

Bootcamp Certificate: University of Texas-Austin Full-Stack Web Development, January 2021

- *A 24-week intensive program focused on technical programming in HTML5, CSS3, Javascript, JQuery, Bootstrap, Firebase, Node Js, MySQL, MongoDB, Express, Handelbars.js & ReactJS.*

B.S. Mechanical Engineering: University of Wisconsin-Madison, May 2015

- *Emphasis on Computer Science, Computer Aided Design, Composite Polymer Manufacturing*

EXPERIENCE

Manufacturing Engineer *TASUS Texas,* Georgetown, TX   August 2018 - June 2020

TASUS adheres to the Toyota Production System "14 Principles" of management, requiring cross-functional teamwork and critical problem solving. This role's core responsibilities included product launches, training and operations documentation, Kaizen process improvement, and analyzing production viability data.

Key Accomplishments:
- Extrusion line overhaul: 75% reduction in virgin plastic needed, 36% overall annual profit increase
- Lean Manufacturing Certification of Achievement - *Southwest Research Institute*
- Certifications: Programmatic Logic Controllers, Robotics Fundamentals - *ACC Continuing Education*

Manufacturing Engineer / Assembly Manager *Vision Plastics, Inc.* Elkhorn, WI   July 2015 - August 2018

This role's responsibilities included new-product launch, continuous improvement of manufacturing methods for injection molding and secondary operations, and daily team management of production personnel with emphasis on 5s and lean practices.

Key Accomplishments:
- Core member implementation team for ERP manufacturing management software (IQMS) install and changeover
- Created, analyzed, and reported metrics for machine/operator cycle efficiency
- Project Lead for purchase & install of capital equipment (Injection press, HVAC system)
- Collaborated on creation of APQP new product introduction process