THOMAS WHITNEY BARR

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EDUCATION

Coursera
Certifications, (Average Grade 95.23) October 2022 - June 2023

- Computer Science
  - Computational Thinking for Problem Solving - University of Pennsylvania
  - Problem Solving Using Computational Thinking - University of Michigan
  - Introduction to Software Product Management - University of Alberta
  - Software Processes and Agile Practice - University of Alberta
  - Client Needs and Software Requirements - University of Alberta

- Front-end development
  - Introduction to Front-End Development - Meta
  - Programming with JavaScript - Meta
  - Front-End Web UI Frameworks and Tools: Bootstrap 4 - The Hong Kong University of Sci & Tech
  - JavaScript Basics - University of California, Davis
  - HTML, CSS, and Javascript for Web Developers - Johns Hopkins University
  - Responsive Website Basics: Code with HTML, CSS, and JavaScript - University of London
  - Interactivity with JavaScript and jQuery - University of California, Davis
  - Version Control - Meta
  - Computational Thinking with Javascript 1: Draw & Animate - University of Glasgow
  - HTML and CSS in depth - Meta
  - Animation with JavaScript and jQuery - University of California, Davis

- Teamwork and Collaboration
  - Teamwork Skills: Communicating Effectively in Groups - University of Colorado Boulder
  - High Performance Collaboration: Leadership, Teamwork, and Negotiation - Northwestern University

- *Various institutions, 2012-2018*
  - Business management
  - Accounting
  - Communication
  - Entrepreneurship
  - Foundations of teaching
  - Digital marketing

Front Range Community College, 2002-2003   **Longmont, CO**
- *Completed core classes and introduction to business courses.*

PROJECTS

Space Tourism Website - HTML-CSS-JavaScript

Description:

Developed a modern and visually engaging space tourism website based on a Figma design.
Created a comprehensive design system with reusable components for a consistent and
efficient development process.

- Translated the Figma design into a fully functional website using HTML, CSS, and JavaScript.
- Implemented a design system with reusable components to ensure consistency and streamline development.

- Developed responsive layouts for seamless user experience across various devices and screen sizes.
- Integrated captivating visuals and animations to enhance the overall aesthetic appeal.
- Utilized custom properties and variables to simplify styling and enable easy updates across the site.
- Designed and implemented a user-friendly navigation system for effortless exploration.
- Incorporated interactive elements and effects to engage visitors and provide an immersive experience.

Big Shoe Company Landing Page- HTML-CSS

Description:

Developed a visually appealing and responsive landing page for a fictional Shoe Company to showcase their latest shoe collection and enhance their online presence.

- Designed and developed a custom landing page using HTML and CSS.
- Implemented a modern and inviting design to capture the attention of visitors.
- Utilized CSS techniques, such as subtle gradients, to enhance the visual appeal.
- Ensured a responsive layout to provide a seamless experience across different devices.
- Created a cohesive and consistent user interface with a focus on showcasing the featured products.

SpaceX Website Clone - HTML-CSS- JavaScript

Description:

Developed a high-fidelity clone of the SpaceX website as a personal project to showcase front-end web development skills.

- Implemented a fully responsive layout using HTML5 and CSS3, ensuring optimal user experience across various devices and screen sizes.
- Utilized creative solutions and custom classes to enhance the visual appeal and interactivity of the website.
- Integrated animations to provide smooth transitions and engaging user interactions.
- Designed the front page and the first three entry pages, closely mimicking the original SpaceX website's style and structure.
- Incorporated launch counters on inner pages using JavaScript to display real-time countdowns to upcoming space launches.
- Demonstrated desktop-first navigation approach, delivering a seamless browsing experience for desktop users.

Tic Tac Toe Game - HTML-CSS-Bootstrap- JavaScript
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- Developed a fully functional Tic Tac Toe game using HTML, Bootstrap, and JavaScript.
- Designed and implemented the user interface using HTML and Bootstrap to create an intuitive and visually appealing gaming experience.
- Utilized JavaScript to build the game logic, including handling user input, validating moves, and determining the winner.
- Conducted thorough testing and debugging to ensure high-quality code and a bug-free gaming experience.
- Demonstrated problem-solving skills by identifying and resolving issues related to game logic and user interactions.

EXPERIENCE

Self Employed   **Fort Collins, CO**
- **Inspire Jiu Jitsu**   January, 2019- Present

- Founded and currently operate a successful Brazilian Jiu Jitsu Academy, providing high-quality

instruction and training to students of all levels.
- Received my black belt from the esteemed and legendary Rafael Lovato Jr, a prominent figure in the world of Brazilian Jiu Jitsu.
- Leveraged 12 years of personal training experience to develop and implement a comprehensive curriculum focused on technical skill development, physical fitness, and personal growth.
- Taught Brazilian Jiu Jitsu for the past nine years, imparting valuable knowledge and techniques to a diverse student base.
- Conduct group classes, private lessons, and seminars, utilizing effective teaching methods and adapting instruction to accommodate various learning styles and abilities.
- Fostered a positive and inclusive training environment, encouraging student engagement, fostering a sense of community, and promoting growth and self-confidence.
- Managed administrative tasks, including scheduling, student enrollment, and financial management, ensuring smooth operations and exceptional student experience.
- Continuously enhanced teaching skills and knowledge through ongoing professional development and training opportunities.
- Promoted the academy through various marketing channels, including social media, local events, and community partnerships, resulting in increased enrollment and visibility.
- Continuously trained and competed in Brazilian Jiu Jitsu for the past 12 years, demonstrating a commitment to personal growth and mastery of the discipline.

- **Inspire Catering**   June, 2012 - December, 2018
    - Successfully owned and operated a catering company, specializing in delivering exceptional culinary experiences for clients.
    - Demonstrated expertise in managing all aspects of the business, including client acquisition, event planning, menu creation, food preparation, and budgeting.
    - Cultivated strong client relationships and consistently exceeded customer expectations, resulting in repeat business and positive referrals.
    - Managed a team of skilled professionals, providing leadership and guidance to ensure seamless operations and exceptional service delivery.
    - Developed and implemented effective marketing strategies to increase brand visibility and expand the customer base.
    - Utilized strong organizational and time management skills to coordinate multiple events simultaneously and meet tight deadlines.
    - Employed financial management practices, including budget creation, cost control, and profitability analysis.
    - Continuously sought opportunities for business growth, including participating in industry events and networking with potential clients and partners.

Intrado-Cloud based technologies   **Longmont, CO**
Director of Catering   December 2010 – February 2013
- Led a high-performing catering team, overseeing all aspects of event planning, coordination, and execution, ensuring exceptional service delivery and client satisfaction.
- Demonstrated strong leadership skills by effectively managing a diverse team, providing guidance, training, and support to foster a positive and collaborative work environment.
- Utilized strategic planning and organizational abilities to successfully execute large-scale catering events, including budgeting, menu selection, logistics, and vendor management.
- Developed and maintained strong client relationships, understanding their unique requirements and delivering customized solutions to meet their needs.
- Implemented efficient systems and processes to streamline operations, resulting in increased productivity and cost savings.
- Applied exceptional problem-solving skills to address challenges and adapt to evolving client demands, ensuring seamless event experiences.
- Utilized excellent communication and negotiation skills to liaise with internal stakeholders and external partners, fostering productive collaborations and driving successful outcomes.
- Leveraged creativity and attention to detail in event design and presentation, contributing to the overall

visual aesthetics and guest experience.
- Managed financial aspects of catering operations, including forecasting, budget allocation, cost control, and revenue generation.
- Proactively sought opportunities for continuous improvement, staying updated with industry trends, exploring innovative catering concepts, and implementing best practices.

Seagate Technology   **Longmont, CO**
Catering lead,   October, 2008 – December2010
- Collaborated with a diverse team in a fast-paced tech environment, ensuring seamless coordination and delivery of services to meet client expectations.
- Demonstrated strong organizational skills by managing multiple tasks simultaneously, prioritizing workload, and adapting to changing priorities and tight deadlines.
- Developed excellent communication and interpersonal skills while working closely with clients to understand their requirements and provide exceptional customer service.
- Applied problem-solving abilities to troubleshoot issues and find effective solutions in high-pressure situations.
- Utilized attention to detail and accuracy in maintaining inventory, tracking orders, and managing budgets to ensure smooth operations.
- Proactively contributed to team success by suggesting process improvements, streamlining workflows, and implementing innovative ideas.
- Displayed a strong work ethic, reliability, and commitment to excellence, consistently meeting and exceeding performance expectations

SKILLS

- Technical Skills:
    - HTML
    - CSS
    - Jest

- Libraries:
    - jQuery
    - React
    - Bootstrap

- Programming Languages:
    - JavaScript

- Web Development:
    - Front-End web development
    - Responsive web design

- Agile Practices:
    - Scrum Methodology
    - Agile Methodologies
    - Software Processes
    - Software Requirements
    - Client Needs

- Problem Solving:
    - Computational thinking
    - Critical thinking

- Interpersonal Skills:
    - Communication
    - Teamwork
    - Leadership
    - Collaboration
    - Remote teamwork
    - Remote productivity