

THOMAS WHITNEY BARR

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EDUCATION

Coursera

Certificates, (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 ,

Agile Practices: **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: **Front-End Development** - Meta, **Programming with JavaScript** - Meta,

UI Frameworks and Tools: Bootstrap 4 - The Hong Kong University of Sci & Tech. **JavaScript Basics** - University of California, Davis, **HTML, CSS, and Javascript**- Johns Hopkins University, **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: **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

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

- 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

- Developed and maintained the company website for the last five years.
- Founded and currently operates 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.
- Taught Brazilian Jiu Jitsu for the past nine years, imparting valuable knowledge and techniques to a diverse student base.
- 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.

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.
- 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.
- 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.

SKILLS

Technical Skills: HTML, CSS, Jest **Libraries:** jQuery, React, Bootstrap **Programming Languages:** JavaScript
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

