

Ivan Webster Razo

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To be able to apply relevant theories and practices of Computer Engineering while also ensuring global competency that will enhance my skills and critical thinking to provide a dependable work performance. I also aspire to further enhance my skills and knowledge about web development, artificial intelligence algorithms, hardware description language and logic circuit designing

TECHNICAL SKILLS

Languages: C++, Python, JavaScript, Hypertext Markup Language, Cascading Style Sheets, PHP, Hardware Description Language, Tool Command Language

Frameworks/Libraries: Bootstrap, ReactJS, Next.js, Tailwind CSS

Developer Tools: Figma, Git, GitHub, Synopsys, Microsoft Excel, Microsoft PowerPoint, Microsoft Word, MySQL, Google Colab, Dev-C++, Visual Studio Code

Other Skills: Circuit Design, UI/UX Design, Front End Web Development, Computer Troubleshoot, English Language, Filipino Language

WORK EXPERIENCE

Xinyx Design Consultancy & Services, Inc

06/2023 – 07/2023

IC Layout Intern

- Completed the OJT Training Program about CMOS technology schematic and layout
- Understood Common Design Rule Manuals of CMOS technology
- Familiarized with Custom Compiler Synopsys
- Designed 9 Tracks Standard Cell layouts 90nm
- Implemented and contributed leadership, good communication, and qualified layouts to the company

Tritec Integrated Philippines Inc

11/2019 – 11/2019

Internship Trainee

- Revised employee handbook
- Designed publication materials regarding products and services of the company
- Endorsement and procurement of products and services to establishments
- Managed employee applicants and interviews
- Troubleshoot computer technical errors
- Handled company needs in printing, sorting of documents, and receipt audits

EDUCATION

Bachelor Of Science in Computer Engineering

Colegio de Muntinlupa | GPA: 1.52

08/2020 – 07/2024

- Latin Honor – Cum Laude
- Certified Safety Officer II
- CPE Challenge 2023 Quiz Bowl Champion NCR at Asia Pacific College
- Undergraduate Thesis: VAHCINET: Voice Activated Human Computer Interaction using Convolutional Neural Networks Algorithm
- Institute of Computer Engineers of the Philippines – Student Edition – Member ID No: NCR-38-2023-0194

- Sakura Science Club at Waseda University, Japan – Member SSC ID: 21400144

Science, Technology, Engineering, and Mathematics (STEM) Strand

San Roque Catholic School

08/2018 – 12/2020

- With High Honors
- Most Innovative Research Awardee and Overall Research Champion Awardee – Research Title: MQ2-Sensor: An Arduino-Based LPG Detector

CERTIFICATIONS

Labor Education for Graduating Students (LEGS) Seminar • 2024

Public Employment Service Office – Muntinlupa

Free Coding Bootcamp: Data Visualization Workshop • 2024

Zuitt Coding Bootcamp

HCIE-Big Data-Data Mining • 2024

Huawei Talent Online

Computer Networks Course • 2024

Huawei Talent Online

Python Programming Basics • 2024

Huawei Talent Online

DR101: Basics and Application on Drone Technology Seminar • 2024

Colegio De Muntinlupa

Free Coding Bootcamp: Basic Web Development Workshop • 2024

Zuitt Coding Bootcamp

Free Coding Bootcamp: JavaScript Game Development Workshop • 2024

Zuitt Coding Bootcamp

Stackathon Training: One Compile Away to Full Stack Web Development • 2024

Colegio De Muntinlupa

Artificial Intelligence Workshop: Robotics • 2023

Colegio De Muntinlupa

Junior Computer Engineering Professor for Logic Circuits and Design • 2023

Colegio De Muntinlupa

PROJECTS

Bagani Blades E-Commerce Front-End | <https://bagani-blades.vercel.app/>

08/01/2024 – 08/12/2024

- Developed Bagani Blades, A front-end e-commerce platform with mobile responsiveness, specializing in custom cosplay weapons and armor props.
- Tech Stack Used:
 - Next.js: Front-end development with server-side rendering and static site generation.
 - React Hooks: State and side effect management in functional components.
 - Tailwind CSS: Front-end styling for responsive design.
 - Lucide Icons: Modern, customizable icons.
 - shadcn: Enhanced UI components and styling.
 - Figma: UI/UX design with interactive prototypes.
 - Clerk Authentication: User authentication API for secure logins.

Bagani Blades E-Commerce UI/UX Design | <https://figmashort.link/dTJ8Ak>

07/28/2024 – 07/31/2024

- Designed e-commerce UI/UX in Figma for Bagani Blades, focusing on cosplay weapons and armor props with integrated electronics.
- Created an engaging homepage and intuitive product displays.
- Streamlined checkout process for a seamless shopping experience.

- Optimized design for responsive use across all devices.

3D Portfolio Clone | <https://ivanrazo17.github.io/3DPortfolio/>

06/07/2024 – 06/09/2024

- Developed a 3D portfolio website using ReactJS and Vite for an interactive and high-performance user experience.
- Utilized HTML and Tailwind CSS to create a modern and responsive design.
- Showcased a collection of 3D models and projects with a focus on advanced design and technical proficiency.
- Employed Git for version control, managing and uploading the project's source code to a remote repository on GitHub.
- Created by following a YouTube tutorial from JS Mastery, demonstrating the ability to replicate and apply advanced web development techniques.

VAHCINET | <https://github.com/ivanrazo17/VAHCINET>

08/07/2023 – 05/04/2024

Colegio de Muntinlupa

- A Human-Computer Interaction system, with custom datasets trained in Edge Impulse, by classifying 34 HCI-based voice commands to perform computer navigation utilizing Convolutional Neural Network (CNN) algorithm.
- Employed Git for version control, uploading and managing the project's source code in a remote repository on GitHub.
- Utilized Python, JavaScript and Node.js for the system.

Personal Portfolio | <https://ivanrazo17.github.io/portfolioSample/>

04/26/2024 – 04/26/2024

Zuitt - Coding Bootcamp

- Created a personal portfolio website using HTML and CSS to showcase projects and skills.
- Employed Git for version control, uploading and managing the project's source code in a remote repository on GitHub.

Tweets Data Visualization | <https://ivanrazo17.github.io/Tweets-Data-Visualization-/>

04/06/2024 – 04/06/2024

Zuitt - Coding Bootcamp

- Developed a data visualization project to display the number of tweets on trending topics using HTML, CSS, JavaScript, and Rapid API.
- Utilized Git for version control, uploading and managing the project's source code in a remote repository on GitHub.
- Integrated Rapid API to fetch real-time data from Twitter, providing up-to-date visualizations of trending topics.

Online Learning Platform Clone | <https://ivanrazo17.github.io/HCBWeb/>

02/15/2024 – 02/17/2024

- Built a responsive online learning platform using HTML, CSS, JavaScript, and Bootstrap.
- Included key pages: Home, All Courses, About, and Contact Us.
- Followed a YouTube tutorial, Web Content Channel, for effective use of Bootstrap and responsive design.

2048 Clone | <https://ivanrazo17.github.io/2048-Clone/>

02/10/2024 – 02/11/2024

Zuitt - Coding Bootcamp

- Developed a clone of the popular 2048 game using HTML, CSS, and JavaScript.
- Utilized Git to upload and manage the project's source code in a remote repository.