Andy Valencia

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EDUCATION

California State University, Dominguez Hills **Carson, CA**

Bachelor of Science in Computer Science *Graduation Date: May 2022*

FREELANCE EXPERIENCE

Harbor Distribution **Los Angeles, CA**

Full Stack Developer *Feb 2023 - Mar 2023*

- Created client-side web application utilizing HTML, CSS, Node.js, and Javascript to support dynamic content consumption and user engagement.
- Configured server-side architecture with Express and MySQL to handle CRUD operations with the database.
- Integrated version control with Git & enhanced scalability by deploying the application on the Heroku platform, accelerating the development process by 30%.
- Designed UI/UX HTML forms for back-end logic with automated field validation rules to optimize website speed & usability for daily users, improving customer satisfaction scores by 11%.

PROJECT EXPERIENCE

portfolio - Website

Frontend Development *Jul 2021 - Sep 2022*

- Constructed website from scratch utilizing HTML, CSS, and Javascript to display current projects, boosting online visibility by 150%.
- Utilized Github Pages hosting service while reducing total web hosting costs by 40%.
- Optimized UI/UX of the website through coding design changes & custom styling, yielding a 15% increase in user engagement.
- Enabled secure access to customers through embedded SSL certificate integration into the site, improving security measures and customer satisfaction ratings by 85%.

Dino ABC's - AR Android Game

Android app Development *Feb 2022 - May 2022*

- Designed and developed an Augmented Reality(AR) game for Android using Unity 3d and C#, resulting in a unique and engaging user experience for players.
- Embedded voice recognition capabilities into the game to allow for enhanced user experience and an educational experience for children 2 -3 years old.
- Continuously updated and maintained the game to fix issues, improve functionality, and add new features, resulting in a more polished and complete user experience.
- Received positive feedback from users and peers on the game's innovative use of AR and voice recognition technologies, resulting in increased recognition and exposure for the project.

Casino Database - Java

Java Swing *Dec 2021 - Dec 2021*

- Utilized IntelliJ to design a GUI with high customization capabilities, enabling a business to access employee and customer data.
- Integrated MySQLWorkbench database into developed GUI, freeing up system resources & efficient execution with 99% accuracy rate.
- Utilized Java's JDBC API to connect to the database and execute SQL queries, resulting in a secure and reliable data management system.
- Implemented various GUI components, such as tables, forms, and buttons, to enable users to add, edit, and delete data from the database.

SKILLS

Skills: Java | Python | HTML | CSS | Javascript | Node.js | C | C# | SQL | UI/UX