

ANDY VALENCIA

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»»» Education

05/2022 **Bachelors of Science in Computer Science**

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

» **Relevant Coursework:** Data Structures | Analysis of Algorithms | Data Management
C programming language and UNIX | Software development | Software engineering

»»» Project Experience

07/2022 **Portfolio - Website**

- » Constructed website from scratch utilizing CSS, HTML, 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 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 site, improving security measures and customer satisfaction ratings by 85%.

05/2022 **Dino ABCs - AR Android Game**

- » 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.

12/2021 **Casino Database - Java Swing and Database**

- » Utilized IntelliJ to design a GUI with high customization capabilities, enabling business to access employee and customer data.
- » Integrated MySQLWorkbench database into developed GUI, accompanied by free up of 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

Java | Python | HTML | CSS | Javascript | C | C# | SQL | Mobile App Development
Web Development | UI/UX | Data Management

»»» Certificates

01/2019 **Android App Developer**

Long Beach City College

11/2022 **Software Engineering**

JPMorgan Chase & Co.