Software Engineer

HELLO I'M
SANTIAGO ROJAS

Profile

Passionate web and mobile developer with experience in AI integration, IoT and VR/AR applications. Skilled in creating user-friendly applications that blend functionality with polished design. Passionate about leveraging technology to solve complex problems and enhance user experiences.

Skill

HTML/CSS	Python	Unity	NodeJS
JavaScript	Kotlin	React	SQL

Experience

Android Developer   2024
ACR

* Developed Sigma Brain, an AI-powered app for enhancing cognitive, emotional, and social abilities in students and professors.
* Implemented emotion recognition using AI, integrated IoT devices for external camera functionality.
* Utilized various Google APIs, including Gemini for chatbot functionality and text-to-speech/speech-to-text capabilities.

Unity Developer   2023
IPLACEX

* Collaborated with a team to develop a VR/AR application using Unity, aimed at teaching nursing students proper CPR techniques.
* Implemented hand motion tracking to allow students to practice CPR movements, synchronizing with on-screen animations.
* Integrated smartphone display functionality to provide real-time visual feedback and guidance during the learning process.

Teaching Assistant   2022
INACAP

* Assisted first-year students in the Database Fundamentals course, helping them grasp current course material.
* Provided support in creating ER diagrams, explaining concepts such as keys, relationships and normalization for both Microsoft SQL Server and Oracle databases.
* Facilitated practical application of database design principles, enhancing student comprehension and bridging the gap between theoretical knowledge and hands-on skills.

Education

Bachelor of Science in Computer Engineering   2020 - 2024
INSTITUTO PROFESIONAL INACAP

Phone: +569 7897 0845
Email: santiago_rj_@outlook.es