



Marco Martinez

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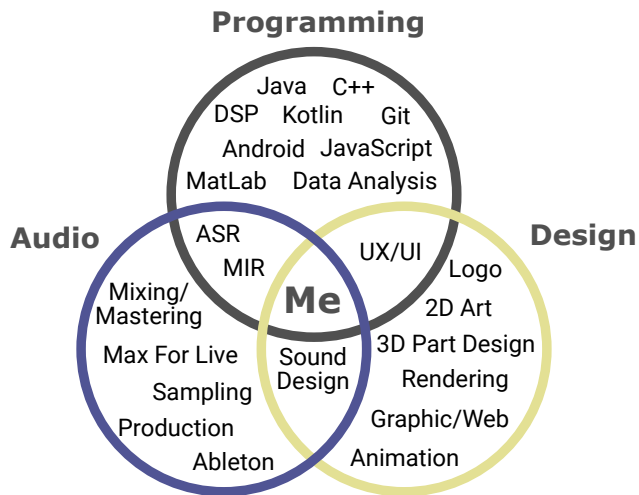
About Me

I am a software engineer, data scientist, and creative problem solver who delivers effective solutions through careful analysis and user

With a background in software engineering and embedded systems, and a passion for audio and electronic design, I have worked with data ranging from music and speech to bio-metric and traffic.

I believe that the best solutions are achieved by always designing for the customer. Utilizing modern software technologies, data analysis, and aesthetic design, I strive for excellent communication, reliability and user experience delivery.

Summary



Top Skills

Kotlin/Java

Android App Development

API/Design & Maintenance

DSP & HPC

Data Science

Graphic/Web Design

Apprentice

Practitioner

Journeyman

Education & Experience

July '22 - Nov '22

Mobile DevEx Engineer

Metaplex - Denver, CO (Remote)

Built and maintained mobile SDKs that interact directly with Metaplex programs on the Solana blockchain

Created critical tooling that was used for testing, CI/CD, and Kotlin code generation from protocol IDLs

Worked with community developers and projects to assess market needs and prioritize work to deliver continuous value to these users

September '19 - July '22

Senior Mobile Engineer

Daxko - Denver, CO (Remote)

Android engineer for SugarWOD mobile app, serving over 130K users

Built a mobile shopping experience from the ground up that generated over \$10k in revenue in its first month

Work with remote team to coach and guide junior Android engineers to deliver quality code adhering to our architecture and coding standards

May '18 - September '19

Freelance Software Engineer

Various Clients - Denver & Fort Collins, CO

Atlantis Aquatics - Android Developer and Software Engineer, built an Android app that interfaces with IoT devices via a RESTful API and MQTT. Worked with engineering team to optimize ESP firmware design and implement proper security measures

Rollins Consult, LLC - Data Scientist and Graphic Designer, work with traffic engineer to generate and present traffic impact data for various cities and real estate developers in Northern Colorado

Alt Ethos - Project Manager, Designer, and Hardware/Software Engineer using light, sound and creative technology to create interactive installations that generate excitement, awareness, and engagement for our customers

Summer '18

Master's of Science, Mechanical Engineering

Software Engineering Thesis - Development of an Open-Source Java Library for Sensory Substitution Systems

Built an Android Library called "Tactile Waves" that provides a DSP toolbox and API for pre-processing, feature extraction, and classification of speech signals

July '17 - May '18

Creative Works Award

CSU Ventures

Awarded \$12,000 to complete a Java library for sensory substitution applications

Contributed to the research and software development of VetMeasure's MeasureOn! bio-metric monitor harness for dogs