MATIAS VARGAS

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https://github.com/mvargas7476/Code-Samples

SUMMARY

Full-Stack Software Engineer with 5 years of experience in designing, developing, and deploying high quality user facing software. Proficient with AWS technologies, the CI/CD pipeline, and Docker. Ability to lead and mentor development teams managing project from concept to deployment

EDUCATION

Masters of Software Engineering   August 2019 – May 2021
The University of Texas at Dallas, Richardson, TX   **Cumulative GPA 4.0**

Bachelor of Science in Mathematics; Minor in Computer Science   May 2016
Louisiana State University, Shreveport, LA   *Cumulative GPA 3.83*
• Magna Cum Laude

RELEVANT COURSEWORK

Software and System Architecture	Data Structures	Object Oriented Engineering
Database Design	Systems Programming	Project Management
Requirements Engineering	Objective Oriented Programming	Natural Language Processing
Multivariable and Advanced Calculus	Database Systems and Maintenance	Security and Disaster Recovery
Computer Architecture and Organization	Requirements Engineering	Scrum Master Certification

SKILLS

Coding: iOS Developer, Java, Python and Flask Applications, Bash, SQL and No-SQL Databases, Linux server, PHP and Laravel Framework, .NET, C, React, Javascript, CSS, Go Lang, API Development
Management: Scrum Master, Scrum Team Lead, Coaching Junior Developers, Problem Solving, Shift Leading & Scheduling, Communication Skills & Conflict Resolution
Languages: Spanish (Speaking , Reading, Writing)

EXPERIENCE

Software Engineer II – CareMetx LLC   Remote | August 2020 – Present
• Deliver high grade customer facing software to end users
• Create documentation and procedures for our team and other teams
• Communicate, plan, and develop custom API integrations with our partners
• Explore and create custom software integrations between our system and client's databases
• Leading a team of 11 developers to develop, test, and release new Patient Enrollment Form in our Portal
• Perform Code reviews and provide meaningful feedback to developers for code improvements

7th and 8th Grade Robotics and Coding Teacher – Richardson West Junior High, Richardson, TX   January 2017 – August 2020
• Teach Principles of Engineering and the Engineering Design Process methodology
• Teach the basic principle and concepts of Software Development, Object Oriented Programming, and Data Structures
• Design, create, and print 3D renderings of projects

Tae Kwon Do Instructor and Camp Director – Marshall Tae Kwon Do Academy, Marshall, TX   June 2013 – January 2017
• Instruct and lead Taekwondo adult and children's classes weekly
• Recruit new students for Taekwondo program
• Direct Summer Camp yearly. Lead and supervise thirty children per day
• Organize office paperwork