Brandon E Ramirez

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TECHNICAL SKILLS/TECHNOLOGIES

Languages: Java, C#, Python, HTML5, CSS3, & JavaScript. Experience with C++, SQL, & MASM x86
Development Tools: JetBrains IDEs, VS/Code, MySQL Workbench, Node.js, Unity, Blender®, & Monday.com
Frameworks/Platforms: ASP.NET Core, Arduino Uno R3
Libraries/Testing: React.js, P5.js, Junit, Jest, npm
Hard Skills: Git, Bash, Vim, i3wm, Emmet, SSH, Jupyter Notebooks, LaTeX, Markdown
Operating Systems: Debian© based distributions (Linux Mint, Raspberry Pi), Windows 7/10
Additional Skills: Spanish (Native), R/RStudio

EDUCATION

Bachelor of Science – Computer Science   Graduation Date: December 2023
University of Houston-Clear Lake; Houston, TX

Associates of Science – General Studies   May 2021
Galveston College; Galveston, TX

Relevant coursework: *Computer Org & Assembly Lang, Advanced Data Structures & Algorithms, Web Application Development, Programming Language Concepts, Machine Learning, Enterprise Java & Frameworks, & Design of Database Systems.*

RELEVANT PROJECTS

- **IEEE 754 Floating Point Calculator (Final Project) |** (https://tinyurl.com/mrma7yxu)   Fall 2022

Multi-number system floating-point calculator with .NET Core Forms app for software engineering class (SWEN 4342). Was responsible for programming, researching, prototyping, & testing. Used Waterfall methodology and held meetings with instructor.
Tech stack: .NET Core, C#, & Monday.com

PROFESSIONAL EXPERIENCE

Code Sensei   March 2023 - Present
Code Ninjas - League City, TX

- Learned & taught Code Ninjas® curriculum, taught basic skills in coding, engineering, & game development
- Responsible for facilitating/leading workshops in applied computing, advanced game development, and robotics
- Catered to needs of different students and fostered problem solving, logic, & STEM skills

Website Administrator/Developer   July 2022 - August 2022
CoPilot - College Forward; Salesforce application

- Renovated and added functionality to: https://collegeforward.org/copilot/ using WordPress & Elementor
- Created and modified HTML & CSS code to comply with company style/requirements
- Implemented internal training platform content for future employees

IT Administrator Intern   June 2021 - August 2021
Moody Gardens - Galveston, TX

- Restored functionality to old computers via updating software and replacing hardware components
- Managed multifunction/ticketing printer repairs
- Troubleshot internet issues using CLI and monitoring system processes

PROFESSIONAL DEVELOPMENT/AFFILIATIONS

Awards: Fall 2021 Stem Challenge, 2nd Place (Arduino© Programming)

University of Houston - Clear Lake Organizations:

- Association for Computing Machinery (ACM)   May 2022 - Present
- Institute of Electrical and Electronics Engineers (IEEE)   Feb 2023 - Present
- Pathways to STEM Careers   January 2021 - Present
- VEX Robotics Club   September 2021 - January 2022

Interests: weightlifting, metal/blues guitar, digital art, GNU/Linux, Japanese

Declaration: I hereby declare that the information given above is true and correct to the best of my knowledge