

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: IntelliJ, PyCharm, Visual Studio/Code, MySQL Workbench, Unity, Blender®, & Monday

Frameworks: ASP.NET Core, Django, React.js

Hard Skills: Git, Bash, Vim, Emmet, Secure Socket Shell (SSH), Jupyter Notebooks, LaTeX

Operating Systems: Proficient with Debian® Linux distributions, Windows 7/10

Certifications: AutoCAD® Certified, Autodesk® Inventor Certified

Additional Skills: Bilingual (Spanish), Experience with “R” statistical computing

EDUCATION

Bachelor of Science Computer Science; Expected Graduation Date: December 2023

University of Houston-Clear Lake; Houston, TX

Relevant coursework: *Computer Organization & Assembly Language, Advanced Data Structures & Algorithms, Web Application Development, Programming Language Concepts, Advanced 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

Website Administrator/Developer

July 2022 - August 2022

CoPilot - College Forward; Salesforce application, Remote work

Summer internship with CoPilot, Responsibilities included:

- Renovating and adding functionality to: <https://collegeforward.org/copilot/> using WordPress & Elementor
- Creating and modifying 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

Summer internship at Moody Gardens as IT administrator. Responsibilities included:

- Restored functionality to old computers via updating software and replacing hardware components
- Managed multifunction/ticketing printer repairs
- Troubleshoot 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:

- Association for Computing Machinery
- Pathways to STEM Careers
- VEX Robotics Club

May 2022 - Present

January 2021 - Present

September 2021 - January 2022

Interests: weightlifting, playing guitar, digital art, GNU/Linux, Japanese/NT Greek