

# Brandon Evaristo 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:** (Bilingual) Spanish, R/RStudio

## EDUCATION

**Bachelor of Science – Computer Science**  
University of Houston-Clear Lake; Houston, TX

Graduation Date: December 2023

**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.

**Associates of Science – General Studies**  
Galveston College; Galveston, TX

May 2021

## RELEVANT PROJECTS

- **Terminal Themed Portfolio** | <https://brandon-e-ramirez.github.io/> Fall 2023  
Simple CLI themed website which showcases personal projects, technical blog posts, and interactive code snippets.  
**Tech stack:** HTML5, CSS3, JavaScript
- **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, and testing. Used Waterfall methodology and held meetings with instructor.  
**Tech stack:** .NET Core, C#, Monday.com

## PROFESSIONAL EXPERIENCE

**Code Sensei**  
Code Ninjas - League City, TX

March 2023 - Present

- 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
- 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 Organizations:

- Association for Computing Machinery (ACM)
- Institute of Electrical and Electronics Engineers (IEEE)
- Pathways to STEM Careers
- VEX Robotics Club

May 2022 - Present

Feb 2023 - Present

January 2021 - Present

September 2021 - January 2022

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