

Boris Hernandez

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Education

Texas A&M University- Corpus Christi

Bachelor of Science in Computer Science

GPA: 3.75

Major GPA: 4.0

Honors: Dean's list - Fall 2022, Spring 2023

Relevant Coursework: Introduction to problem-solving with computers I/II, Skills for computing professionals I, Cyber Security

Principles, **CodePath** - Intro to software engineering

Corpus Christi, TX

Expected Graduation 2026

Experience

Programming and Math Tutor - Corpus Christi, TX

Self-Employed

Aug 2022- Present

- Strengthened comprehension in the material through composed personalized sessions by making alterations to meet individual student needs increasing test scores by more than 20%
- Increase confidence levels by empowering students with positive reinforcement strategies, and seeing a 55% increase in lesson follow-through.
- Promote sessions on social media platforms to gain clients along with positive reviews and recommendations from previous and returning students

Projects

Fright Mester | C++

- Conducted extensive research on the common dilemmas students face and used that to create a text-based game
- Led a team in coordinated virtual coding sessions increasing productivity by 90% compared to in person sessions

Scheduling made easy using C++ | C++

- Developed using object-oriented programming in C++ to maintain reusability of product for other projects
- Set up meetings to provide constant updates to client and insured 100% customer satisfaction

Sudoku Solver | Python | Pygame

- Utilized Pygame to create an interactive graphical user interface (GUI), enhancing user experience and ease of input.
- Integrated advanced logic and constraint-checking techniques within the backtracking algorithm to improve the solver's efficiency and reduce solution time.

Volunteering

FYI Conference Lead - Corpus Christi, TX

Texas A&M University Corpus-Christi

April 26th, 2023

- Led the research and development of information on learning communities and developed a product to manage the schedule of the conference
- Chosen from more than 2000 first-year students to deliver research findings and first-person perspectives on the advantages of learning communities

Islander Ambassador - Corpus Christi, TX

Texas A&M University- Corpus-Christi

Aug 2022-Present

- Offering outstanding on-campus experiences that produce high satisfaction levels, causing a higher number of campus visits and applications

Skills

Spoken Languages: Fluent in both English and Spanish

Programming Languages: C++, Python, HTML/CSS, JavaScript, TypeScript, Go, Matlab, Java

Frameworks: Vue, Petite-Vue, ReactJS

Developer Tools: Git, Amazon web services, VS code, Atom, Docker

Product Management Methodology: Agile, Waterfall