Ayrton Bello Nanez

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EDUCATION

University of Texas at San Antonio, B.S. Degree in Computer Science   **Aug 2020 — August 2023 (expected)**

Northwest Vista College   **Aug 2018 — June 2020**

WORK AND EXPERIENCE

USAA – Software Engineer Intern (Front-end development)   **June 2022 — August 2022**
- Developed and tested web application features and provided maintenance across the codebase using ES6, REACT/Redux, and CSS to improve user experience
- Implemented/debugged/modernized multiple widgets and features: learned about monorepos, trunk-based development, and how to individually resolve production issues through troubleshooting.
- Independently modernized USAA's registration widget using USAA's design system components, API's, and React libraries (Formik).

Robotics Automation Society, UTSA – Vice-President   **Aug 2020 — Present**
- Lead and organize a student board of 5+ members to prepare engineering/programming technical workshops, projects, and social events every semester for 50+ organization members
- Collaborated with 4+ other UTSA organizations on projects/events and secured funding from the college and outside sources for developmental activities, conferences, and workshops ($2000+)

ABA Quantum Lab, UTSA – Undergraduate Research Lab Assistant   **Nov 2021 — May 2022**
- Extensively researched 5+ databases to find and filter information according to guidelines for data collection in the context of behavior analytic treatment of children and adults with autism

Mathnasium/Tutor Doctor – Math tutor   **July 2019 — May 2022**
- Mathnasium tutor for students grade 1-12, work with up to 4 students at a time by following a designated curriculum
- Tutor for 10+ students (middle school to college) in subjects ranging from Algebra to Calculus through weekly/bi-weekly 1+ hour long sessions, ensuring higher grades and test scores for the student

TECHNICAL SKILLS

Programming	C, Python, JavaScript
Other	ReactJS, HTML, CSS(Bootstrap), Jest, Git, WordPress, Tableau, Office
Language	English (fluent), Spanish (native)

PROJECTS

Unmanned Aerial Systems Competition 2021
- Represented UTSA in a 4 student team to compete against 4 other universities in a drone competition and programmed a tello drone using **Python** to fly through an indoor obstacle course
- Won 1st place, earning a prize of $400 that was donated to Robotics Automation Society at UTSA for activities

Portfolio Website
- Designed and wrote multipage personal portfolio site concept/layout from scratch using **HTML**, **CSS**, and **JavaScript**; deployed using GitHub and Netlify (ayrtonbellocv.com)

Multistudy
- Led a team of 5 people in a class project to build a **JavaFX** application that combines 4 different useful apps in a single interface for easy access: calendar, notepad, timer, and calculator. Delegated tasks, organized meetings, and helped teammates debug leading to a final grade of A

SERVICE AND ORGANIZATIONS

Bulverde Area Humane Society   **Sept 2021 — Present**
Volunteer   Bulverde, TX

Association for Computer Machinery, UTSA   **Aug 2021 — Present**
Member | Hackathon mentor   San Antonio, TX