

Braian Pita

Houston, TX

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SKILLS & INTERESTS

- **Spoken Languages:**
 - Fluent in Spanish; English.
 - Familiar with Portuguese; Japanese.
- **Skills:** Database Architecture, Full Stack Web Development, Data Science, Express.js, Node.js, Vue.js, Tableau, AWS cloud architecture, git, React Native w/ Expo, .NET, React.js, jQuery.
- **Programming Languages:** Python, Java, Oracle SQL, MySQL, MongoDB, HTML, CSS, JavaScript, C#, C++, R Language, Typescript.
- **Interests:** traveling; gaming; anime; manga; programming; digital art; walking; sustainability.

EDUCATION

University of Houston

December 2022

BS, Computer Information Systems

Houston, TX

- Magna Cum Laude Honors with 3.88/4.0 GPA

PROJECTS

Movie Theater Management System

Sep 2022 – Nov 2022

- Summary: Final semester project in which we developed a management application that reduces the time spent tracking ticket sales and gives insights in sales per movie.
- Led the backend API implementation for a theater management application that improved movie and employee management time by 20% using a robust and user-friendly interface using best practices.

Performance Evaluation Application

Jan 2021 – Nov 2021

- Summary: Two-semester project with a tutoring company to deliver an improved enterprise internal application that reduced their management time with a system for students and tutors.
- Lead Programmer for a team of 9 to ensure on-time project delivery using an Agile methodology.
- Implemented a frontend Vue and a NodeJS + Express backend API to develop a reliable and scalable application that decreased time assigning the tutors and students by 10%.

WORK EXPERIENCE

University of Houston

Jan 2021 – Aug 2021

Research Assistant

Houston, TX

- Summary: Research funded by the UH library. Database of news from African sources stored with MongoDB database with the purpose of processing data and making it available for people to find.
- Worked with about 5-10 GBs of data to train sentiment analysis and topic models using word tokens.
- Compared the performance of my own models with existing ones using accuracy, correlation value, and graphs such as heatmaps and confusion matrices.
- Extracted relevant information from data and displayed results with graphs that can improve marketing of the product we provide.

Houston Community College

Jan 2019 – Dec 2019

Proctor Assistant

Stafford, TX

- Handled communication with students and professors to give an appropriate testing environment according to their specifications and the students' needs.
- Organized the testing environment to facilitate the students' experience and prevent dishonesty during tests.
- Managed professors and students' information on a datasheet to facilitate their data retrieval when necessary and increase efficiency by 10% during the handling of tests and their accommodations.