Ricardo Peña Jr.

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EDUCATION

University of Houston, C.T. Bauer College of Business   **Houston, TX**
Bachelor of Business Administration in Management Information Systems & Finance   December 2024
Cumulative GPA: 3.5 | MIS GPA: 3.8 | Finance GPA: 3.5

Coursework: Object-Oriented Programming, Database Management, IS Development Tools, Statistics for Business Applications, IT Project Management, Risk Management

WORK EXPERIENCE

Protiviti   **Houston, TX**
Technology Consultant Intern   June 2024 – August 2024
- Tested 10+ internal IT controls within SQL databases, optimizing query performance and ensuring 100% compliance in change management processes
- Delivered custom SQL scripts and automated data solutions, improving client system efficiency and streamlining IT workflows while providing proper documentation
- Designed ad-hoc audit reports for 3 clients, analyzing control usage data to improve testing accuracy by 15% through repetition

Tenaris S.A.   **Houston, TX**
Audit Data Science Intern   January 2024 – July 2024
- Developed 3 OCR scripts using Python libraries (Tesseract, pdf2image), integrated repetitive tasks with UiPath and Power Automate, reducing weekly data analysis time by 20%
- Cleansed complex datasets in R Studio and Jupyter, auditing international charges for 500+ employees to enhance data integrity and mitigate fraud risk
- Customized visualizations with Power BI to enhance reports of financial and inventory data across multiple departments

Texas Bay Credit Union   **Richmond, TX**
Finance Intern   June 2023 – August 2023
- Constructed data-driven visual reports in Excel and Tableau to analyze loan performance and risk, contributing to meeting $1.5M+ monthly loan quotas
- Managed a SQL database of 10,000+ credit union members, assessing financial health using key metrics and verifying 50+ weekly payment confirmations to ensure data accuracy and compliance

ACADEMIC PROJECTS

Hewlett Packard Enterprises – Business Technology Consulting Project   **Houston, TX**
IT Student Consultant   Spring 2024
- Implemented Zoho CRM and Articulate LMS software tools for a counseling SMB (Small and medium-sized business), centralizing data, streamlining operations, and enhancing client collaborations
- Provided detailed documentation for system setup, workflows, and user training to ensure seamless adoption and future scalability

API Stock Market Data Visualization Tool   **Houston, TX**
Integration Developer   Spring 2024
- Built Python scripts to integrate real-time stock market data via APIs and web scraping, storing and transforming data in SQL databases for efficient analysis
- Automated data pipelines to sync financial metrics and link SQL queries to Power BI, enabling visualization of market trends

KPMG – Ideation Challenge Case Competition (Placement: Semi-Finalists)   **Houston, TX**
Research Lead / Presenter   Fall 2023
- Collaborated with a team of 5 to develop and present a Generative AI solution within the Waste Management Industry in a competition with over 15 groups
- Proposed the implementation of smart sensors, cameras, and machine algorithms in trash compactors, highlighting a 21% improvement in business performance, cost savings, and time efficiency

LEADERSHIP & ACTIVITIES

Management Information Systems Student Organization (MISSO)   **Houston, TX**
Student Mentor   August 2023 – Present
- Actively engage with over 500+ MISSO members and recruiters in organized events to maximize career opportunities
- Assist in 3+ committees and workshops to boost organization contributions and help improve development and technical skills

Bauer Ambassadors (BA)   **Houston, TX**
Student Ambassador   August 2023 – June 2024
- Selected as one of 40 undergraduate business students amongst 186 applicants to represent the C.T. Bauer College of Business
- Supported the Dean's office by hosting weekly college tours, orientations, and career presentations for prospective business students

SKILLS

Languages: English (Native Language), Spanish (Fluent)
Technical: Python (Pandas, Matplotlib, NumPy), SQL, R, Java, HTML5, CSS3, JavaScript, Git, RPA, SDLC
Tools: MS Office, Power BI, Tableau, Visio, VSCode, Jupyter, Alteryx, UiPath, GitHub, Jira, SAP ERP, Ssalesforce CRM