

# Luis Benavides

Houston Texas | 281-908-2644| luisbenavidese99@gmail.com|

---

## Education

### **Bachelor of Science in Computer Science**

University of Houston-Downtown (UHD), Houston, TX

**GPA:** 3.03

**Honors:** UHD Scholars Academy, ALPFA, ACM, CAHSI, SOMIS

**Skills**

**Languages:** Python, C++, C, Java, JavaScript, Typescript, SQL, Dart

**Web Development:** HTML, CSS, Django, React.js

**August 2023 - May 2027**

**Other:** Object Oriented Programming, User Interface, Python Pandas, Data Structures, Matlab, Numpy, PyTorch, Excel

**Tools:** Visuals Studio, Visual Studio Code, Redhat, Microsoft Office, Linux, Jupyter notebook, Google Collab

## Experience

### **AI Software Engineer Intern – ShieldED Haven**

**September 2025 – Present**

- Developed and integrated interactive educational software using React and TypeScript, teaching online safety through gamified learning.
- Implemented backend synchronization for game data using Supabase, enabling real-time user progress tracking and database persistence.
- Verified and tested Brevo email automation to ensure newly added schools received onboarding emails directly from the system dashboard.
- Tested and validated backend API endpoints for game state persistence, ensuring smooth data flow between the frontend and Supabase.

### **Front End Developer - Miramor Construction**

**December 2024 - August 2025**

- Currently Designing and implementing responsive webpage layout using front end technologies to enhance user experience and accessibility.
- Collaborated with company owners to ensure site matches company standards and contributes to business goals.
- Integrating interactive features to improve navigation and user engagement.

### **Gator Resource Center Student Ambassador – University of Houston - Downtown**

**August 2025 – Present**

- Helped distribute over 140,000 pounds of food to students on campus over the course of one year.
- Operating the UHD food market distributing 60 pounds of food a week to each student at the university
- Conduct data analysis for how many pounds on average every student takes weekly from the UHD food market.
- Handling shipments from the Houston Food Bank multiple days out of the week.

## Project Experience

### **Inventory Data Processor – Python / Numpy**

- Data Analysis Tool in Python using NumPy for efficient tracking and statistical evaluation of stock. Included input validation and clear data presentation features.

### **CSV Based Financial Data Processor – Python / Pandas**

- Developed a financial tracker in Python using pandas to calculate and display sales, expenses, and revenue. The report is saved in both CSV and formatted text files for easy recordkeeping.

### **Banking System – Python / C++**

- Developed a CLI-based banking system that allows users to create accounts, deposit, withdraw, and check balances securely. Implemented object-oriented principles with unique user ID generation and input validation for robust user interaction.

## Leadership

### **Gator Crew – Orientation Leader (UHD)**

**May 2025 – August 2025**

- Welcomed and guided incoming students through campus orientation programs.
- Provided peer support and answered questions to ease student transitions.
- Assisted new students with registration processes and resolved basic computer and account access issues during orientation.
- Provided tours to new incoming students and supporters.

### **Corporate Relations Committee (ALPFA UHD)**

**January 2025 – May 2025**

- Coordinated outreach efforts, facilitated networking events, and helped secure sponsorships and guest speakers.
- Built and maintained partnerships with local and national companies to support student career development opportunities.
- Maintained a partner database to track interactions, sponsorships, and follow-ups with corporate contacts.
- Created proposals and agendas for events with numerous corporations.