HONEYWELL OLABODE

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EDUCATION

University of Houston, Houston, TX

Bachelor of Science in Computer Science | GPA: 3.42   Expected: May 2026

- **Minor:** Business Administration
- **Relevant Coursework:** Data Structures & Algorithms, OOP, Computer Organization & Architecture, Operation Systems, Digital Image Processing, Interactive Computer Graphics

PROFESSIONAL EXPERIENCE

Data Science Intern   May 2024 – August 2024

The Friedkin Group / USAL Solutions   *Houston, TX*

- Made and used data integration pipelines using **C#** and **SQL** to store 400+ driver's data via Netradyne into a SQL Server data warehouse, enabling comprehensive analysis.
- Collaborated with the head of safety and fleet managers to construct analytical reports using **Power BI**, to enhance driver safety by monitoring and visualizing over 10,000 alerts.
- Engineered data-driven software solutions that optimized business operations, leading to improved safety protocols and an increase in data management efficiency.

Software Engineer Intern   May 2023 – August 2023

BP   *Houston, TX*

- Developed quantum algorithms and simulations using **Python** libraries **Qiskit** and **Cirq**, enhancing computational efficiency in quantum computing applications.
- Constructed a machine learning application to identify plant species from images with over 82% accuracy, streamlining botanical identification processes.
- Produced tangible outcomes by successfully executing quantum computing projects, generating valuable insights and solutions for BP's energy-related challenges.

Resident Advisor of Bayou Oaks   August 2023 - Present

University of Houston   *Houston, TX*

- Lead a diverse community of 500+ residents, ensuring safety and satisfaction by mediating conflicts and providing peer counseling for a harmonious living atmosphere.
- Organize and lead educational and social programs, increasing resident participation and promoting personal development.

PROJECTS

Netradyne Data Business Intellect: Applied data integration pipelines using **C#** and **SQL** to collect data from over 400 drivers via Netradyne into a SQL Server data warehouse

Playlist Converter: Engineered user-friendly website capable of turning other platform playlists into spotify in **Python** using **Spotipy**, **Streamlit**, and **Panda**

HHL Algorithm: Coded quantum algorithm with **Python** and **Qiskit API** to solve quadratic unconstrained binary optimization problems

SKILLS

Languages: Python, C++, SQL

Technical/Computer Skills: Power BI, Excel, Business Intellect, Data Analytics, ML/AI