
OBJECTIVE

Seeking an internship within the field of Software Engineering.

EDUCATION

University of Houston	Houston, TX	May 2022
<ul style="list-style-type: none">• B.S. in Computer Engineering• CGPA 3.62• Notable Coursework: Data Structure and Algorithm, Software Engineering (Ongoing), Programming Application		

LANGUAGES AND TECHNOLOGIES

- **Programming Languages:** C, C++, Python, MATLAB
- **Database Systems:** PostgreSQL
- **Application Software:** Simulink

PROJECTS

- **Stock Market Indicator:** Built an application that outputs possible bullish or possible bearish crossover analyzing DMI Red, CCI, RSI, TTM squeeze and Average Volume.
- **Ticketing System:** Implemented a Ticket system using a Priority Queue and constructed using Minimum Binary Heap for an IT department at University of Houston. This application uses C++ programming language for priority queue.
- **MRI Scan:** Developed an application using MATLAB which allows users to find tumor in MRI scan's image. The application outputs the location and highlight the tumor on the image.
- **National Academy of Science Grand Challenges:** Developed a program that determines whether a user selected country can afford a water purification system based on the GDP from the data sets of UNICEFs, WHO, and The World Bank.
- **Tap Water Filtration:** Developed a paper that concluded the Tap Water Filtration works best in Hawaii based on design criteria of cost, efficiency, audience, and timeliness.

EMPLOYMENT

Financial Aid Assistant	University of Houston	Dec 2018–May 2020
<ul style="list-style-type: none">• Operate the outside scholarship website including cultivating a positive relationship with donors.• Handle the scholarship checks received on the office from donors and students.		

RESEARCH EXPERIENCE

Houston Early Research Experience	University of Houston	June 2019–July 2019
<ul style="list-style-type: none">• Introduced the innovative idea of new drainage system in Houston to mitigate the flooding in feeder roads.• Examined the various aspects of catastrophic weather events such as flooding and storms in Houston.		

LEADERSHIP EXPERIENCE

Publicity Officer	NSA-UH	Aug 2018–Aug 2019
<ul style="list-style-type: none">• Plan and publicize the events and organization, including designing promotional materials.• Establish positive relationship with media organizations to support NSA-UH.		

ACTIVITIES

• National Honor Society-UH Chapter	Aug 2018–Present
• Cougar Computer Science	Aug 2018–Present
• Institute of Electricity and Electronics Engineering	Aug 2018–Present
• Peer Advisor -ISSO	Dec 2018–Dec 2019

HONORS AWARDS

• Academic Excellence Scholarship	Aug 2018
• Dean's List	Aug 2018–Aug 2019
• Houston Early Research Experience Scholarship	July 2019