KHANH NHU NGUYEN

linkedin.com/in/khanh-nhu-nguyen | github.com/khanhn2611 | khanhn2611@gmail.com | (832) 561-2514

EDUCATION

Georgia Institution of Technology, Atlanta, GA   December 2026
Master of Science in Computer Science
Relevant Coursework**:** Graduate Algorithm, Advanced Operating System, Computer System, Numerical Methods

University of Houston, Houston, TX   August 2024
Bachelor of Science in Computer Science - Minor in Mathematics
Honors: 2nd Place in Fall 2023 Data Science Showcase

SKILLS

Expert in Python, C/C++,and MATLAB.
Proficient in Java, JavaScript, CSS, Swift.
Tools: MySQL, MS Office.
Speak, read, and write efficiently in English and Vietnamese.

EXPERIENTIAL LEARNING AND PROJECTS

Data Synthesis   Fall 2021
Participated in TAMU Datathon 2021
- Implemented a preliminary heat map of vaccination 3000 tweets related using Twitter API to gather Twitter Data from web-scraping and presented in form of heatmap using JavaScript.
- Authenticated our access to limit search geographical domain to the US using libraries on Python.

Pizzeria - Celonis 21 Challenge
Participated in TAMU Datathon 2021
- Predicted the net gains and loss of the purchases using Random Forest algorithm.
- Attained 98% accuracy with the prediction program.

State Farm Healthcare Mobile Application   Spring 2022
Participated in TAMU Hackathon 2022
- Designed an IOS application that using HealthKit API to monitor customer living habits.
- Using Statistic and Advanced Math to calculate the discount to reward good living behavior from the customer.

Group Leader
Database Project - Coog Clinic Database   Fall 2023
- Developed a web application for a healthcare provider, streamlining scheduling, data access, and enhancing operational efficiency.
- Built distinct portals for doctors, nurses, and administrators, enabling effective schedule management, secure data handling, and improved patient care.
- Incorporated robust security features, ensuring secure user access and maintaining patient confidentiality.

WORK EXPERIENCE

Student Technician - Biomedical Engineering in Texas A&M University   Fall 2021
- Developed a Microscopy Portable Phone App with microscopy lenses for non-invasive diagnostic imaging.
- Implemented Machine Learning on Android app to measure PT/INR levels at point of care using neural network supervised-learning algorithm.

Peer Tutor - Tutoring Center in Lone Star College CyFair.   Spring 2022
- Provided 1:1 and small group instruction on Calculus, Differential Equation and Physics to undergraduate students.
- Participated as Math Tutor for Exam Jam and Exam Cram for Final.