Ngoc Minh Quan Nguyen

quannguyen0527@email.com | (832)-983-5861 | LinkedIn: quannguyen0527 | GitHub: quannguyen0527

EDUCATION

University of Houston   **Houston, Texas**

B.S. in Computer Science   *Expected Graduation, December 2026*

- **Concentrations:** Intelligence and Modeling/Simulations

- **GPA:** 3.30/4.00, *Dean's List*

- **Related Coursework:** Data Structures & Algorithms, Objects & Design, Computer Organization & Programming, Combinatorics, Machine Learning, Artificial Intelligence, Object-Oriented Programming, Statistics & Applications

PROJECTS

Point-of-Sale (POS) System - Grocery Store   **Houston, Texas**

Team Member   *August 2025 – December 2025*

- Designed and built a full POS web application used for product scanning, inventory management, sales reports, and customer analytics.
- Implemented order processing, receipt generation, tax calculations, and real-time stock updates.
- Created an admin dashboard with product performance charts, customer analytics, and revenue metrics
- Built RESTful APIs for products, orders, customers, reports, and authentication.
- Tech: **React, Node.js, Express, MySQL, REST API, JWT Auth, Recharts, Cloud Deployment (Render/GCP/AWS)**.

SKILLS

Programming: Java, Python, JavaScript, HTML/CSS, SQL, Node.js, React.js, MATLAB, C++, C,

Tools: AWS, Git, Node.js, React, VS Code, MySQL Workbench, Postman, Figma

ACHIVEMENTS

- **VOI (Vietnam Olympiad in Informatics), 2019:** *National high school programming competition participant, recognized for strong algorithmic and problem-solving skills.*