

PHUONG HO

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EDUCATION

University of Houston, Department of Computer Science, Houston, TX
Bachelor of Science in Computer Science

Expected Dec 2026

SKILLS

Technical: JavaScript, HTML/CSS, Java, C++, Pascal

Tools: VSCode, Git, GitHub, Eclipse

Software Proficiency: Microsoft Office Suite (Word, Excel, PowerPoint)

RELEVANT COURSEWORK

Fundamentals of Software Engineering, Software Design, Intro to Automata and Computability, Algorithms and Data Structures, Database Systems, Data Science I

EXPERIENCE

University of Houston – Houston, TX
Computer Science Projects

January 2024 - Present

- Developed programs in C++, Pascal, and Java, implementing data structures such as linked lists, stacks, queues, BSTs, and AVL trees.
- Built projects, including a text editor with undo/redo and a casino card simulation.
- Implemented and analyzed graph algorithms (MST, BFS, DFS) with detailed complexity reports.
- Applied divide and conquer, dynamic programming, and greedy algorithms to solve optimization problems.
- Collaborated using Git and produced technical documentation for coursework projects.

Houston Community College – Houston, TX
Projects

Spring 2023

- **Vending Machine:** Built a Java Swing-based application to simulate vending machine operations, implement event-driven logic for user interaction, money handling, and change calculation.
- **Hotel Reservation System:** Developed a Java Swing-based system with file I/O for data persistence and efficient reservation management, strengthening skills in GUI design and event handling.

Pacific Multiservice – Houston, TX
Consultant

January 2019 – Present

- Developed tailored solutions for diverse client needs.
- Organized and tracked customer applications, ensuring accuracy and efficiency.
- Analyzed client requirements to optimize outcomes.

WEBSITES, PORTFOLIOS, PROFILES

- <https://fatfish-99.github.io>