

Henrik Nguyen

Thanh Cong Nguyen

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SKILLS

Programming Skills: Java, Python, C, HTML, CSS, JavaScript, React, Git

Education: University of San Francisco

Majors: Computer Science (GPA: 4.0)

Expected Graduate Date: May 2026

Dean's List: Fall 2022, Spring 2023, Fall 2023, Spring 2024, Fall 2024

RELEVANT COURSEWORK: Intro to Computer Science I, II, Data Structure & Algorithms, C & Systems Programming, Discrete Mathematics, Full-stack Web Development, Foundations of AI, Machine Learning, Computer Architecture.

CERTIFICATES

- Meta Front-End Developer – Credential ID: PV85YKKE6HME (2023)
 - Principles of UX/UI Design
 - React Basics and Advanced
 - Version Control
 - Programming with JavaScript
 - Front-End Developer Capstone
 - HTML and CSS in depth
 - Introduction to Front-End Development

PROJECTS

University of San Francisco, Class Projects

Birthday Database

- Developed a comprehensive application for efficient management of friends' birthdays, leveraging a linked list.
- Engineered seamless functionality for adding, searching, and deleting entries.
- Introduced sophisticated sorting options for organizing entries alphabetically or chronologically.

Cho Han & Spaceship Game

- Programmed two engaging text-based games, "Cho-Han" and "Spaceship," accessible through a command-line interface.
- Orchestrated the entire gaming experience by managing the game loop and user input using the Driver class.
- Utilized an abstract Game class as a foundational blueprint, enhancing efficiency and code organization.
- Incorporated visually appealing ASCII art to represent Spaceship progress and outcomes, enhancing user engagement.

Spellchecker

- Developed a spellchecker employing a binary search tree data structure with a user-friendly GUI.
- Conducted thorough word checks against a comprehensive dictionary, highlighting and addressing misspelled words.

Personal Project

Todo List Application

- Developed the functional Todo List application using React to manage tasks effectively.
- Implemented features for adding, editing, completing, and deleting tasks to enhance user control over their lists.
- Provided real-time clock, ensuring a smooth and interactive user experience during task modifications.
- Designed an intuitive user interface that allows users to mark tasks as complete and visually track their progress.

SisterFlora Store Web Application

- Developed an engaging online platform using React for browsing and purchasing flowers.
- Integrated content to help users learn about flower varieties and their significance.
- Created a user-friendly interface that makes shopping convenient and enjoyable.
- Fostered community engagement through informative resources and content tailored for flower enthusiasts.