

Kevin Phung

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EDUCATION

University of Houston, Houston, Texas

May 2025

Bachelor of Science in Computer Science, Minor in Mathematics

Coursework: Data Structures & Algorithms, Computer Organization and Architecture, Principles of Operating Systems, Intro to Automata & Computability, Calculus II, Graph Theory with Applications, Statistic for the Sciences, Linear Algebra, Discrete Mathematics

PROJECTS

ChessMyself Game

- Developed a dynamic chess game using HTML, JavaScript, Chessboard.js, and Chess.js, featuring a clickable move interface with real-time game state updates.
- Implemented custom piece themes, move validation, undo functionality, and board flipping mechanics, allowing for user-versus-self gameplay. keviin.com/chessmyself

Movie Data Visualizer

- Developed a Python web scraper to extract movie data from Letterboxd, utilizing Selenium for automation and data collection. The scraped data is then automatically saved into a Google Sheet for further analysis and visualization.
- Leveraged Looker Studio to create dynamic visualizations, enabling in-depth exploration and presentation of movie data insights. The data is dynamically showcased on my personal website for public display.

Artificial Intelligence PDF Reader

- Created an application that utilizes AI to answer any given question regarding an uploaded PDF from the user. Utilized Python, Streamlit framework, OpenAI API

Retro DVD Screensaver

- Simulated a retro DVD screensaver utilizing C++ and the SFML library whilst learning about the basic concepts of 2D game physics and simple collision detection.
- Implemented basic frame rate and a simple game loop to create an animated sequence by receiving input, updating pixel location, applying to the current scene, and then repeating for each frame.

Best Buy Checkout Bot

- Developed a bot using Python to purchase any given item on the Best Buy website within seconds. Scripted a fully automated path utilizing PyAutoGUI, Selenium, and Scrapy to crawl to a given link, enter shipping/credit card information, and finalize checkout.
- Utilized the Twilio API to send an automated mobile text for purchase confirmation.

Facial Recognition Program

- Created a facial recognition program utilizing C++ and the OpenCV library. Used pre-trained classifiers along with both recorded and live webcam feed to detect facial movements, hand gestures, and identifiable objects.

Website Portfolio

- Created an online portfolio website using HTML, CSS, and JavaScript. Assured functionality across mobile, tablet, and desktop. Hosted using GitHub pages. keviin.com

WORK EXPERIENCE

H-E-B, Houston, Texas

March 2022 – Present

Curbie/In-store Shopper

- Select, sort, and unload items to complete eCommerce online orders whilst communicating with six various department heads to ensure customer requests are filled.
- Communicate order adjustments while promoting outstanding customer service by providing fast and efficient curbside delivery. Responsible for ensuring maximum quality of produce, meats, and groceries.

Kung Fu Tea, Nederland, Texas

November 2019 – April 2021

Cashier/Barista/Cook

- Provided drink recommendations and processed payment transactions whilst responding to customer inquiries.
- Exceeded standards during opening/closing by maintaining a clean, fully supplied work environment.

SKILLS

Programming Languages: C++, Python, JavaScript, HTML, CSS, VisualBasics, R, x86 Assembly

Tools & Frameworks: Git, GitHub, Node.js, OpenCV, React.js, Selenium, SFML, Streamlit