Kevin Phung
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EDUCATION

University of Houston, Houston, Texas   **May 2024**
Bachelor of Science in Computer Science, Minor in Mathematics
>   **Relevant Coursework**: Computer Science & Program, Introduction to Programming, Computer Organization and Architecture, Calculus I, Calculus II, Statistic for the Sciences, Linear Algebra, Discrete Mathematics

PROJECTS

Personal Projects
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.

Birthday Paradox Proof
- Wrote a C++ program to prove a popular probability theory, the Birthday Paradox. Learned about pseudo-random numbers, time value's effect on seeds, linear congruential rng, and Xorshift rng.

Monster Slayer Game
- Developed a turn-based fighting game using Python without the utilization of a GUI. Implemented the use of health bars, attack buffs, and healing potions. Inspired by Pokemon.

Website Portfolio
- Created an online portfolio website using HTML and CSS. Assured functionality across various devices (mobile, tablet, desktop). Hosted using GitHub pages.

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.
- Took action to exceed standards during opening/closing by maintaining a clean, fully supplied work environment.

SKILLS AND AWARDS

Programming Languages: C++, Python, JavaScript (familiar), HTML, CSS, VisualBasics, R, x86 Assembly (familiar)
Awards: Shane Isom Memorial Scholarship (2020); UH Academic Excellence Scholarship (2020-2022)

PERSONAL INTERESTS

- 2D Game development (PyGame, SFML)
- Active member of the University of Houston Chess Club
- Member of the University of Houston men's flag football league (IMLeagues)
- YouTube content creator; Total view count of 153.8k as of 2023
- Completed 2023 Aramco Half Marathon and various 10k/5k races
- Competed in various officiated basketball leagues