**Kenny Nguyen**

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**EDUCATION \_\_\_\_\_\_**

**The University of Texas at Austin**  *Bachelor of Science, Computer Science December 2025*

*Minor in: Philosophy*

Overall GPA: 3.2

**Relevant Coursework:** Data Structures, Computer Organization and Architecture, Differential Calculus, Discrete Mathematics, Operating Systems

**TECHNICAL SKILLS**

* Proficient in Java, C, C++, Python, HTML, CSS, and JavaScript; Familiar with Assembly and Swift
* Frame and Tools: React, Node.js, OpenAI API, Arduino, VSCode, Raspberry Pi, Git, Linux, JCreator, MongoDB
* Fluent in English and Vietnamese

**EXPERIENCE & LEADERSHIP \_\_\_\_\_\_**

**Texas Vietnamese Student Association(VSA)** - *Family Chair*; Austin, TX*May 2023 - May 2024*

* Created automated scripts to categorize more than 200 members into families utilizing Google API and form data, considering a range of characteristics
* Revamped the club website entirely, developing it from the ground up to showcase live family data effectively and manage a comprehensive database of past and present member

**4K Computer** - *IT Technician*; Houston, TX*August 2021 - August 2023*

* Provided comprehensive maintenance support for PCs, networks, and mobile devices across various businesses
* Demonstrated expertise in setting up, repairing, and fine-tuning networks through proficient installation of various hardware
* Acted promptly to address end-user support queries and guiding individuals through troubleshooting procedures

**Mathnasium** - *Math Tutor*; Houston, TX*November 2020 - November 2021*

* Cooperated with parents and guardians to assess the students plans and progress
* Curated and organized specialized learning plans for hundreds of students
* Enforced positive reinforcement and established rapport amongst students for motivation

**PROJECTS \_\_\_\_\_\_**

**Friendly Faces - Swift, CreateML, CoreML**

* Developed a facial recognition software employing CreateML to discern familiar faces from strangers, leveraging a training data for accuracy and security
* Transmits live camera data to the model for real-time analysis, presenting relevant information aesthetically
* Enhanced the application’s recognition capabilities utilizing Apple’s DeeplabV3 and Resnet50 CoreML Models

**QlockTwo Replica - C, Python**

* Implemented software and hardware to successfully replicate the QlockTwo, an artistic timepiece renowned for its unique method of displaying time using words
* Utilizing Python in combination with a Raspberry Pi to maintain the display based on the Linux sysclock kernel time
* Integrated WS2812B LEDS with the software through the usage of a breadboard and soldering

**InKey - HTML, Tailwind CSS, JavaScript, MongoDB, Node.js, React**

* Engineered a web application transforming keyboards into pianos, seamlessly melding front-end and back-end functionalities, enabling users to compose, save, and share their musical creations with ease
* Revamped user profile creation, piano screen functionality, and overall user interface using React and Node
* Employed MongoDB to facilitate scalable storage of user data and compositions, ensuring efficient management and accessibility