**Anh Tuan Huynh**

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**EDUCATION**

**University of South Florida** Aug 2024 – May 2028

*B.S in Computer Science* GPA : 4.0

**Le Quy Don High School for the Gifted**  Sept 2020 – May 2023

*Informatics Honor* GPA : 3.78

**SKILLS**

**Languages**  C/C++, C#, Python, JavaScript, HTML, CSS, Dart

**Framework** React, Node.js, Angular, Flutter

**EXPERIENCE**

**Information Technology Intern–** [**Kite Academy**](https://drive.google.com/file/d/1Vu8xNKxp52z1L4qUFf33smailp8pN3UP/view) May 2023 – Aug 2023

* Assisted in developing the company’s official website using HTML, CSS, and JavaScript, contributing to enhanced user experience and improved site functionality by 20%.
* Wrote, tested, and edited code for company software and applications using Python and Java, ensuring a 95% success rate in test cases and efficient performance.
* Managed and taught programming language workshops for 30 students aged 9–15 in Python, JavaScript.

**PROJECT**

[**Sign Speak**](https://docs.google.com/document/d/197z2mieuNkaD0KW6f5DuJr6dPe0phsrNBVgF_t-wYbY/edit?tab=t.0#heading=h.gjdgxs) **|** *Dart, Flutter, Open CV, Python*Jul 2022 – Dec 2022

*An application to support communication for hearing impaired people*

* Led a 2-member team to claim first place in the 2022-2023 city-level Science and Technology Innovation Competition with an application designed to bridge communication barriers for the hearing impaired
* Developed a hand gesture recognition system using **OpenCV** and **MediaPipe** in **Python**, integrated with a **Dart** and **Flutter** interface for a user-friendly experience on computers and smartphones

[Github](https://github.com/g-e-n-v/kien)

[**Depresol**](https://github.com/tuanha1508/Depresol_Application) **|** *Java, Python, GPT-4, Firebase*Jan 2022 – May 2022

*An application chatting for depressed people on the Android operating system*

* Designed and developed an Android-based chatbot application to support users with depression by providing mood assessments, personalized coping strategies, and guardian notifications.
* Integrated **Firebase** for real-time database management and user authentication, ensuring secure data handling.
* Leveraged **Brainshop.ai API** to create a responsive conversational agent for mental health assistance.

[**Vaciris**](https://github.com/phucmap85/VACIRIS)  **|** *Python, C#, Open CV, ArcFace*Oct 2021 – Nov 2021

*An application tracking if scanned person has been vaccinated against Covid-19*

* Conducted research on face recognition technologies, employing **Haar Cascade** for image detection, **MTCNN** for model training, and **ArcFace** as the primary model.
* Achieved an accuracy rate of up to **90%** for a wide range of participants, with peak accuracy reaching **93%** for select cases.

**LEADERSHIP**

**Canary Club – Head of Technical Department**  Sept 2022 – May 2023

* Projected food and merchandise sales during large-scale events, notably contributing to revenue growth of **8 million VND** through effective forecasting and technical oversight.
* Coordinated and led the technical planning of a volunteer outreach program for **50 children** at Tra Giac kindergarten, managing logistics and facilitating the donation of folding beds and sleeping pillows valued at **10 million VND.**

**CODMOS – President**  Mar 2023 – May 2024

* Coordinated and delegated tasks to a team of **20 members**, ensuring efficient workflow and project completion.
* Oversaw and conducted training sessions to mentor and develop Informatics lessons aimed at educating young learners.

**HONORS AND AWARDS**

**First** **Prize** - City-wide Science and Technology competition **2022**

**First Prize** - Artificial Intelligence Creativity Demonstration **2021**