Kevin Doan

TCU BOX 290950   (682) 376-1123
Fort Worth, 76129   khoadoanduy05@gmail.com
                                                      GitHub: Khoadoanduy
                                                      LinkedIn: Kevin Doan

EDUCATION

Texas Christian University   **Fort Worth, TX**
Major: Computer Science - GPA: 4.0

Expected Graduation: May 2027

EXPERIENCE

theEnd – TCU weekend's events organizations   **Fort Worth, TX**
Member   *September 2023 – Present*

- Student organization dedicated to organizing and executing campus events on Fridays and Saturdays, enhancing the TCU community experience. Focus on event planning and leadership development for students.
- Provide support for theEnd club's events, including setup and operation.

GDSC – Google Developer Student Clubs at TCU   **Fort Worth, TX**
Technical Project Leads   *November 2023 – Present*

- Spearheads full lifecycle of technical projects from conceptualization to successful execution.
- Develops and deploys innovative technological solutions aligning with organizational objectives.
- Drives on-time, high-quality delivery of technical projects, ensuring adherence to standards and excellence.

PROJECTS

Artificial Intelligence Guiding Device for the Visually Impaired   **Ho Chi Minh, Vietnam**
2022

- Used Arduino components and C programming, creating a system that calculates a secure triangular safe zone for precise foot placement based on the Heron equation.
- Integrated advanced sensor technologies, including a camera for light signal recognition and an infrared sensor for obstacle detection, combined with a speaker and vibration sensor to provide real-time, discreet notifications, ensuring enhanced safety and independence for visually impaired users.

Career Counseling Website for High School students   **Ho Chi Minh, Vietnam**
2022

- Utilized HTML, CSS, Bootstrap, Python, and JavaScript to craft a website addressing the challenge of helping Vietnamese high school students make informed decisions about their college majors.
- Leveraged the John Holland 6 personality type theory to formulate a set of user-oriented questions and employed the Confusion Matrix algorithm to accurately recommend the most suitable college majors based on their responses.

Other activities / honors: Logistics member at Vietnamese Student Association at TCU, Faculty Scholarship, Intramural Offical at TCU Campus Recreation (8 hours per week), Silver Medal at Olympic Informatics Coding competition (2021), Class monitor (2020-2022), Leader at 3D printing project (~35 hours), Vice President at Soccer club (2023), Organizer at Charity trip in Mid-Autumn festival (2022).

OTHER SKILLS & INTERESTS

Languages: C++, Java, HTML, CSS, JavaScript, Python
Tools: GitHub, VS Code, Adobe Premier Pro, Microsoft Office
IT Software/ Hardware Support · Troubleshooting · Problem-Solving