

# Kevin Doan

TCU BOX 290950  
Fort Worth, 76129

(682) 376-1123  
[khoadoanduy05@gmail.com](mailto:khoadoanduy05@gmail.com)  
GitHub: [Khoadoanduy](#)  
LinkedIn: [Kevin Doan](#)

## EDUCATION

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<b>Texas Christian University</b>	<b>Fort Worth, TX</b>
Major: Computer Science - GPA: 4.0	
	Expected Graduation: May 2027

## PROJECTS

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<b>Self-built Portfolio Website ( <a href="http://www.khoaduydoan.com">www.khoaduydoan.com</a> )</b>	<b>Fort Worth, TX</b>
	2024

- Successfully launched and maintained a personal portfolio website.
- Featured an interactive resume and attracted 100+ views on LinkedIn.
- Implemented a back-end function to receive guest emails using HTML, CSS, JavaScript, and PHP.

<b>Guiding Device for the Visually Impaired</b>	<b>Ho Chi Minh, Vietnam</b>
	2022

- Engineered an Arduino-based system with C programming to calculate a secure triangular safe zone for precise foot placement using the Heron equation.
- Integrated advanced sensor technologies, including a camera for light signal recognition and an infrared sensor for obstacle detection.
- Implemented a speaker and vibration sensor for real-time notifications, resulting in a 25% enhancement in safety parameters for visually impaired users.

<b>Career Counseling Website for High School students</b>	<b>Ho Chi Minh, Vietnam</b>
	2022

- Utilized HTML, CSS, Bootstrap, Python, and JavaScript to create an interactive website.
- Applied the John Holland 6 personality type theory to formulate user-oriented questions.
- Utilized the Confusion Matrix algorithm, achieving a 40% improvement in accuracy for recommending college majors based on user responses compared to alternative algorithms.

**Other activities / honors:** Silver Medal at Southern Olympic Coding competition (2021), 3rd Prize at Regional Science and Engineering Fair, Manager and Leader at 3D printing Lab (2022)

## EXPERIENCE

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<b>GDSC – Google Developer Student Clubs at TCU</b>	<b>Fort Worth, TX</b>
<i>Technical Project Leads</i>	<i>November 2023 – Present</i>

- 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.

## OTHER SKILLS & INTERESTS

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**Languages:** C++, Java, HTML, CSS, JavaScript, Python (basic), Php (basic)

**Tools:** Git, Responsive Design, IT Software/ Hardware Support and Troubleshooting