ETHAN NGUYEN

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EDUCATION

Texas Christian University, School of Engineering   Fort Worth, TX
Bachelor of Science   May 2027
Major(s): Computer Science, Minor(s): Mathematics   Current GPA: 4.0
Relevant coursework: Algorithms, Data Structures, Software Development, Calculus, Discrete, Linear Algebra.
Honors/Awards: Texas Christian University Founder Scholarship, Texas Christian University International Student Grant, Dean's list 2023

TECHNICAL SKILLS

- Languages: Python, Java, C++, JavaScript, HTML, CSS
- Databases: SQL, MongoDB (No-SQL Database)
- Tools: VS code, IntelliJ, Adobe Illustrator, Adobe Photoshop, Microsoft Office, Power PI
- Design Thinking: [VSA Instagram post](#), [GDSC Instagram post](#), [Drawing portfolio](#)

EXPERIENCE

Computer Lab Assistant, Fort Worth, Texas   October 2023 – Present
- Instructed 20 students per day in lab usage and troubleshooting.
- Managed and solved technical issues with lab devices.
- Oversaw printing submission data management by using the Pharos application for lab users.

PROJECT

Portfolio Website - HTML 5, CSS, JavaScript   Dec 2023 –Present
- Developed a visually appealing interface using CSS with media queries for compatibility with mobile browsers.
- Implemented functional elements using HTML 5 and ensured cross-browser compatibility.
- Enhanced user experience through JavaScript functionalities.

Crytoquote-Helper – Java, AWT, Swing   March 2024 –Present
- Designed a user-friendly interface using AWT and Swing for seamless interaction.
- Implemented Java functionalities to decode encrypted text based on user input.
- Provided efficient solutions for deciphering exchanged letters.

IoT with Raspberry Pi – Python, MongoDB, SQL   July –August 2022
Project held by the University of Technology in Ho Chi Minh City.
- Utilized the NumPy library to support large, multi-dimensional arrays and matrices to store device status information.
- Performed digital input or output functions using GPIO for the application running experiments.
- Gained experience using SQL server and No-SQL Database (MongoDB).

LEADERSHIP AND COMMUNITY EXPERIENCE

Google Developer Student Clubs, Fort Worth, Texas   January 2024 – Present
Non-technical Project lead
- Led and executed PR campaign throughout Texas Christian University campus and social media.
- Designed captivating posters and organized engaging events with Google developers.

Vietnamese Student Association, Fort Worth, Texas   August 2023 – Present
Board in Promotion Relation
- Led and executed PR on social media platforms.
- Designed captivating posters and videos to enhance visibility.