

## ETHAN NGUYEN

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### EDUCATION

**Texas Christian University**, School of Engineering Fort Worth, TX  
Bachelor of Science May 2027  
Major: Computer Science, Minor: 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++, C#, JavaScript, HTML, CSS, ReactJS, EmberJS, ExpressJS
- Databases: SQL, MongoDB
- Tools: VS code, IntelliJ, Adobe Illustrator, Adobe Photoshop, Microsoft Office, Power BI, MySQL

### EXPERIENCES

**Millennia Software** Vietnam, Ho Chi Minh  
SWE Intern May 2024 – July 2024

- Developed a Credit Qualification Application for the Home Loan Department using the Ember.js framework and C# which improved workflow efficiency by 30%.
- Utilized SQL Server and MySQL to efficiently handle customer information and credit data.
- Cooperated with an AI department called Areal AI to develop a document scanning application to serve receiving information from customers' applications faster and save more time.

**C.P Vietnam Corporation** Vietnam, Ho Chi Minh  
IT intern June 2024 – August 2024

- Contributed to the development of the company's promotional website using JavaScript, HTML, CSS, and React.js.
- Assisted in troubleshooting and resolving hardware and software issues for over 150 employees using TeamViewer and Microsoft Teams.
- Helped set up and manage network devices including routers and switches, ensuring secure and efficient network operations.

### PROJECTS

#### Fanta (Movie Website) | [Github](#)

*Technologies:* JavaScript, CSS, HTML5, ReactJS, MongoDB, SQL *Finished*

- Constructing a responsive movie website using the React and Express framework, including functionalities for Home Page and other pages.
- Utilizing MongoDB to store user accounts and movie information, ensuring efficient data retrieval and storage.
- Implementing JavaScript to handle events and errors, making the website responsive and user-friendly.

#### Portfolio Website | [Github](#)

*Technologies:* HTML5, CSS, JavaScript *Beta*

- Developed a visually appealing interface using CSS, with media queries for compatibility with mobile browsers.
- Implemented functional elements using HTML5, ensuring cross-browser compatibility.
- Improved user experience through JavaScript functionalities, providing dynamic and interactive features.

#### Cryptoquote-Helper | [Github](#)

*Technologies:* Java, AWT, Swing *Closed Beta*

- Designed a user-friendly interface using AWT and Swing, allowing seamless interaction.
- Implemented Java functionalities to decode encrypted text based on user input, providing efficient solutions for deciphering exchanged letters.

#### IoT with Raspberry Pi | [Certificate](#)

*Technologies:* Python, MongoDB, SQL *Finished*

- Utilized GPIO for device control, enabling efficient management of household devices.
- Contributed to the project's success by implementing practical solutions for real-world applications in household device management.