

THOMAS DOCOG

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EDUCATION

Texas A&M University - Bachelors of Science, Computer Science - **GPA 4.0**

Expected Year of Graduation | 2027

TECHNICAL SKILLS

Python, React, Javascript, TypeScript, React Native, CSS, HTML5

EXPERIENCE

Information Technology Intern | Summit Medical Staffing

June 2023

Revamped website & executed comprehensive mobile website overhauls

- Revamped site UI, optimizing website navigation and enhancing overall user experience
- Proactively identified and proposed fixes for bugs on the desktop website, ensuring smooth functionality and **minimizing** user disruptions.
- Successfully **overhauled the previously ineffective** mobile website, enabling seamless **access to job listings** and enhancing user accessibility and engagement.

PROJECTS

Instagram Clone

React Native, Firebase, Redux, TypeScript

Fullstack React Native application

- Developed a **user authentication system** using **Firebase** and **React Native**, enabling users to sign up and log in securely.
- Leveraged **Firebase Firestore** to effectively save, retrieve, and display **user-generated data**, such as pictures, ensuring a seamless user experience.
- Developed a comprehensive follow system using **Firestore** and **React Native**, enabling users to connect and interact with each other.
- Seamlessly integrated camera and image gallery functionalities, allowing users to capture, upload, and share photos.

Terraria Clone

Python

Pygame Game

- Utilized Python and Pygame to create a camera class that focuses and follows the player character within the game environment, enhancing the player's experience and immersion.
- Engineered the main game loop and scene management using Pygame, enabling transitions and persistent states across different parts of the game.
- Developed a sprite and entity system to manage various game objects, allowing for an organized and efficient way to handle game elements like players, enemies, and terrain.

Newegg Cheapest Graphic Cards Application

Python

Python webscraping application

- Developed a custom **webscraping** application using **Python** to automate the search for the most affordable graphics cards on Newegg.com.
- Utilized web scraping library **Beautiful Soup** to extract product information, prices, and availability in real-time.
- Implemented **data parsing** and cleaning techniques to ensure accurate extraction of relevant product details from the Newegg website.

ACHIEVEMENTS

Eagle Scout | Boy Scouts of America

June 2020