

Tanner S. Thurman

www.thurmanportfolio.com | tsthurman03@gmail.com | (270)723-3020 | LinkedIn: tanner-thurman | GitHub: 20Tsthurman

EXPERIENCE

Vanderbilt Clinical Informatics Center

Nashville, TN

Associate Application Developer

August 2024 – Present

- Developed tools that have doubled VUMC patient care efficiency
 -
- Develop web applications using a variety of frameworks and stacks
- Implement machine learning and AI solutions to predict health outcomes and enhance patient care strategies

Knobull

Remote (Based in Providence)

Full Stack Developer Intern

November 2023 – July 2024

- Collaborated with cross-functional teams to design and develop a meta search engine website.
- Contributed to back-end development using AWS services, OpenSearch, and Elasticsearch.
- Analyzed complex data sets and worked with large scale data infrastructure to ensure optimal functionality.

EDUCATION

Western Kentucky University

Bowling Green, Kentucky

B.S. in Computer Science

- **Concentrations:** General (CGEN)
- **Related Coursework:** Data Structures & Algorithms, Objects & Design, Computer Organization & Programming, Machine Learning, Artificial Intelligence, Object-Oriented Programming, Statistics & Applications
- **Skills:** Java, Python, HTML/CSS, JavaScript, SQL, React
- **Tools:** Visual Studio/Code, Git, MySQL/Postgre, Django/Flask

PROJECTS

WKU AI ChatBot

Bowling Green, Kentucky

Team Lead

January 2024 – May 2024

- Developed a generative AI (AGI) chatbot that is easily accessible and usable for student and professors.
- Allows teachers to upload documents to the chatbot so that the chatbot is customized to their individual class.
- Used Tensorflow and Python as well as HTML, JavaScript, and Django for our front-end.

ELearning Website

Bowling Green, Kentucky

Team Lead

September 2023 – December 2023

- Developed a website using Django for teachers and students to access and use as a learning website.
- Created quizzes, lessons, grade book, discussion board, and more for users to interact with.

School Database

Bowling Green, Kentucky

Team member

January 2023 – May 2023

- Worked with a team of software engineers to create a college database.
- Used MySQL to create the database, held WKU student information such as ID, tuition, and other important information.

Secure File Transfer Website

Bowling Green, Kentucky

Team Lead

January 2024 – May 2024

- Created a Secure file transfer website with AES encryption security.
- Used Python to create a flask connection between users. TCP connection initiates when users send files.
- Has a messaging system as well to communicate with other users.

ACTIVITIES AND LEADERSHIP

Western Kentucky S.E.A.S. Ambassador

Bowling Green, Kentucky

Represent the engineering program at WKU