

Tristan Hendricks

084-846-3479 | tristanhendricks19@gmail.com | tristanhendricks.com | github.com/KingTroy125

EDUCATION

Westridge High School

Computer Application Technology

Jan. 2022 – Dec 2024

FreeCodeCamp

Responsive Webdesign Certification

2023 – June 2024

Harvard University

CS50 Introduction to Computer Science

2025

EXPERIENCE

Software Engineering Virtual Experience Program on Forage

Jan. 2025 – Present

Electronic Arts

- Proposed a new feature for EA Sports College Football and wrote a feature proposal
- Designed a class diagram and implemented C++ class definitions
- Patched a bug and optimized the codebase with an improved data structure

Hackathon Participant Samsung Future Innvotion Lab

Feb 2025

University of the Western Cape

- Developed a food safety scanner app in a 3-day hackathon.
- Collaborated in a team to design, build and present the project.
- Gained hands-on experience in software development, teamwork and problem-solving.

Full-Stack Developer

Sep 2024

Freelancer

- Developed and deployed full-stack web applications using React, Next.js, Node.js, and Tailwind CSS.
- Designed and optimized backend systems with Express, PostgreSQL, and Firebase for scalability and performance.
- Collaborated with clients to gather requirements, troubleshoot issues, and deliver user-friendly digital solutions.

PROJECTS

Flask Serverless Chat App | PostgreSQL, Flask, HTML, CSS, JavaScript

Jan 2025

- Developed a real-time chat application using Flask, WebSockets, and Socket.IO.
- Implemented user authentication and a responsive UI for seamless user interaction.
- Deployed the application on a cloud platform for accessibility and scalability.

NoteDev Website | Vite.js, React.js, Tailwind CSS, Node.js, Express.js, SQLite

Feb 2025

- Built a full-stack note-taking app using Next.js, TypeScript, and Tailwind CSS.
- Implemented authentication, real-time updates, and markdown support.
- Optimized performance with server-side rendering (SSR) and static site generation (SSG).
- Still in development

TECHNICAL SKILLS

Languages: Python, C/C++, SQL (Postgres), TypeScript, JavaScript, HTML/CSS

Frameworks: Next.js, React, Node.js, Flask, WordPress, Material-UI, FastAPI, UI/UX Design, Figma, Photoshop

Developer Tools: Git/GitHub, Agile Development, Docker, Google Cloud Platform, VS Code, Visual Studio, Linux

Libraries: pandas, NumPy, Matplotlib