

TRI HOANG

Software Developer

720-257-1269 @ trihoang09@gmail.com
https://trihoangcodes.netlify.app/ Denver, CO

SUMMARY

Innovative Software Developer experienced in AI integrations and Full-Stack Web Application Development. Combines technical expertise with a passion for creating efficient, user-friendly solutions that drive business growth.

PROFESSIONAL EXPERIENCE

Contract Software Developer 2024 - Present
NeuralGuard Denver, CO

- Curated and optimized 250 Terabytes of high-quality training data, significantly enhancing AI model performance and accuracy
- Engineered an automated data collection script, boosting training data gathering efficiency by 70% and significantly accelerating AI model development
- Architected and implemented the initial website boilerplate, laying the foundation for product launch and guiding team strategy for subsequent development phases
- Developed and integrated a reusable AI Chatbot React component, enhancing website functionality and streamlining future implementations across projects

Teaching Assistant 2023 - 2024
Flatiron School Denver, CO

- Mentored a cohort of 27 students, providing individualized guidance on project development and curriculum navigation, fostering a 95% course completion rate
- Elevated 9 students' final projects and presentations through targeted feedback and iterative guidance, resulting in a 30% increase in project quality scores
- Facilitated weekly coding workshops and debugging sessions, enhancing students' problem-solving skills and boosting their confidence in tackling complex programming challenges

Weather Forecaster 2019 - 2023
United States Air Force Enid, OK

- Operated \$484K worth of advanced meteorological equipment, including satellite systems, Doppler radar, and Ultra High Frequency radio
- Synthesized complex weather data to deliver critical forecasts, directly supporting base-wide operational readiness
- Issued critical weather alerts protecting 2,500+ personnel and \$1.3B in military assets, ensuring base-wide safety and operational continuity
- Mentored and certified two weather apprentice airmen to journeyman status, enhancing team capabilities and operational readiness
- Delivered comprehensive weekend weather briefs and provided ongoing support for cross-country missions, directly contributing to pilot safety and mission success

EDUCATION

Full Stack Web Development Certification 2023 - 2024
Flatiron School Denver, CO

Weather Forecasting Certification 2019 - 2020
Community College of The Air Force Keesler AFB, MS



ABOUT ME

Always Growing

Dedicated and growth-oriented student pursuing a Bachelor's degree, with a passion for continuous learning and self-improvement. Committed to developing a strong academic foundation while actively seeking opportunities to expand knowledge and skills. Eager to apply classroom learnings to real-world scenarios and contribute fresh perspectives to future roles.

SKILLS

Tools

JavaScript · Python · React · HTML · CSS · TailwindCSS · SQL · Flask · PostgreSQL · UX/UI · AI Integrations

Operating Systems

Linux · Windows

LANGUAGES

English Native ●●●●●
Vietnamese Intermediate ●●●●●

VOLUNTEERING

Youth Group Leader

Acscnt Lion Dancing
2016 - Present
Lead church youth programs and cultural events, including lion dance performances.