

TRI HOANG

Software Developer

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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 Developer2024 - Present

NeuralGuardDenver, 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 Assistant2023 - 2024

Flatiron SchoolDenver, 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 Forecaster2019 - 2023

United States Air ForceEnid, 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 Certification2023 - 2024

Flatiron ScoolTucson, AZ

Weather Forecasting Certification2019 - 2020

Community College of Thte Air ForceKeesler AFB, MS



SKILLS

Tools

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

Operating Systems

Linux · Windows

LANGUAGES

EnglishNative●●●●●

VietnameseIntermediate●●●●●

VOLUNTEERING

Youth Group Leader

Acscnt Lion Dancing

2016 - Present

Lead church youth programs and cultural events, including lion dance performances, fostering community engagement

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.