

Taewoo Hong

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EDUCATION

B.S Information Technology
Arizona State University
GPA: 3.93

Boulder, Colorado
May 2026

SKILLS

Python • Java • C++ • HTML • JSX • Tailwind CSS • TensorFlow • TensorBoard • Scikit-learn • React • Vite •
Git • Data Structures • Algorithms • Communications • Leadership • Problem Solving • MacOS • Windows

EXPERIENCE

Web Developer

March/2026-March/2026

Self-Project

Boulder, Colorado

- Developed digital portfolio website using React, Vite, and Tailwind CSS, featuring a dynamic project gallery that showcases a key class project, enhancing my online presence.
- Implemented responsive UI design with Tailwind CSS, ensuring optimal user experience across various devices and screen sizes, demonstrating commitment to modern web standards and accessibility.
- Integrated contact form using getform.io to facilitate seamless communication with potential employers and collaborators, thereby increasing the potential for professional networking and freelance opportunities.

Sign Language Detection Program

March/2026-March/2026

Self-Project

Boulder, Colorado

- Initiated a self-driven project to explore computer vision and machine learning, focusing on sign language recognition through real-time camera feed, to enhance personal understanding and skills in cutting-edge technology areas.
- Utilized Python, TensorFlow, Keras, Scikit-Learn, and OpenCV for development and implementation of sign language recognition system, showcasing proficiency in diverse and powerful programming tools and libraries.
- Designed and implemented LSTM neural network model, leveraging TensorFlow and Keras for efficient model training and achieving real-time gesture recognition with high accuracy.
- Developed a systematic approach to troubleshooting and problem-solving, learning to efficiently navigate challenges by researching and integrating solutions from variety of technical resources.

LEADERSHIP

Financial Officer

June/2022-May/2023

CU Air Force Honor Guard

Boulder, Colorado

- Demonstrated fiscal responsibility by overseeing and approving club spending for supplies and events, directly contributing to enhanced equipment quality and the successful execution of Honor Guard activities.
- Developed and implemented a structured training program for new cadets based on the “Explain, Demonstrate, Imitate, Practice” methodology, leading to the training of 3 cadets who subsequently ranked in the top third of Detachment 105.
- Introduced the OODA loop decision-making process to cadets, equipping them with the tools to make rapid, effective decision in high-pressure situation, thereby optimizing operation effectiveness.
- Played pivotal role fostering communication and leadership skills through efficient use of chain of command and effective feedback technique, enhancing cadet performance and cohesion within the unit.