

Enkhbold Ganbold

Cupertino, CA | (509) 906-2163 | [Website](#) | [LinkedIn](#) | [Github](#)

EDUCATION

San Jose State University

Candidate for *Bachelor of Science* in Computer Engineering

San Jose, CA

Exp 5/2026

De Anza College

Associate of Science, Computer Science

Areas of Interest: Tensorflow, Docker, Robotics, VR, AR

Cupertino, CA

3/2023 - 1/2025

WORK EXPERIENCE

Digital People Inc

Co-founder & CTO

Palo Alto, CA

10/2020 - 4/2022

- Designed and implemented a hardware solution for an AR headset, including PCB design and firmware development.

Beelog Tech - Hardware AIoT Company

Hardware Lead

UB, Mongolia

10/2020 - 4/2022

- Implemented software solutions linking perception to autonomous robot actions, contributing to the development of reactive and coordinated robot behaviors.
- Led the development of a microcontroller-based weather monitoring system using Google Analytics, Arduino, and Python with AI/Machine Learning, enhancing real-time data processing, and increasing weather monitoring efficiency by 25%

Elec Mn - Hardware & Robotics Supply Chain Company

Robotics Hardware Engineer

UB, Mongolia

12/2019 - 10/2020

- Designed prototypes in Solidworks, creating 3D models and assemblies, which streamlined the mechanical design process, cutting production time by 80%.
- Designed PCBs for prototypes using Altium, Proteus Lab and EasyEDA, contributing to the company's portfolio and leading to a 30% increase in customer engagement.

PROJECT EXPERIENCE

DAHacks | DeAnza College

10/2023

- Secured the Grand Final 1st place among 144 participants by developing an electricity calculator socket with an ESP32 IoT microcontroller.

Microsoft AI Classroom | Microsoft Corp

10/2022 - 12/2022

- Developed and built ESP32 IoT device using Solidworks, Django, EasyEDA Pro, Azure, PostgreSQL

Hack4Impact | UC Berkeley

2/2024

- Got 2nd place among 400 participants by developing an AI Face recognition system with a Raspberry Pi.

University of Illinois, Chicago | Computer Specialist

7/2022 - 12/2022

- Specialized in robotics programming, guided students, increased engagement in the STEM field.

LEADERSHIP & OTHER ACHIEVEMENTS

FIRST Global Robotics Competition | FIRST Robotics

Dubai, UAE

Team Lead

6/2019 - 12/2019

- Engineered semi-autonomous robot firmware for pollution collection in 'Ocean Opportunities' using Java, Solidworks, Autodesk Inventor, and Android.

Awards: Represented Mongolian robotics team and ranked 34th place among 191 country teams.

CalHacks | UC Berkeley

Berkeley, CA

Hardware Mentor

10/2023

- Mentored AIoT solutions for hardware oriented projects among participants of ~1200 students

TreeHacks | Stanford University

Stanford, CA

Hardware Mentor

2/2024

- Mentored hardware oriented projects among hackathon participants of ~1700 students (Hackathon Application ~ 5% Acceptance)

SKILLS & INTEREST

Tech Skills: C, C++, Python, Solidworks, Debian, Debian, Altium, Autodesk Inventor, Fusion360, Arduino, Raspberry Pi, ESP32, Postman, ARM, AVR, ThingSpeak, TensorFlow, Azure, Platform IO, ReactJS, NextJS, Node.js, Django, Flask, Express.js, PostgreSQL, Github, Docker, Android

Language: Native Mongolian, Conversational Chinese | *Interest:* Computer Aided Design, Machine Learning