

ENKHBOLD GANBOLD

enkhbold470@gmail.com | enkhbold470.github.io | [linkedin/in/enkhbold470](https://www.linkedin.com/in/enkhbold470) | github.com/enkhbold470

EXPERIENCE

Headstarter

Remote

Software Engineering Fellows | full-time

7/2024 - 9/2024

- Built and deployed 5 AI projects using React, Next.js, Firebase, and OpenAI. Developed a SaaS product and a customer support agent, scaled apps to 200+ users, and collaborated with industry experts on iterative improvements.
- Developed AI-powered web apps with Next.js, and Clerk, integrating AWS, Amazon Linux, and vector databases. Built PWA mobile interfaces, implemented vector embeddings, barcode scanning, REST APIs, and tested with Jest.

University of Illinois at Chicago

Chicago, IL

IT Specialist | part-time

7/2022 - 12/2022

- Co-Hosted the STEM Summer Camp 2022, taught 25+ Chicago Public School kids topics encompassing scratch and C++ programming, website building, robotics, mechanics, and electronics.
- Provided technical support, assisted in hosting meetings/classes, troubleshooted software, repaired laptops.

Beelog Tech

Ulaanbaatar, Mongolia

Engineering Intern | full-time

10/2020 - 4/2022

- Engineered a PCB for a tire pressure sensor in mining dump trucks, reducing crash incidents by 20%.
- Taught an Arduino course to 15 students, fostering hands-on learning and technical skills.
- Developed a piano light visualizer that garnered 14K views on YouTube and led to ~10 business inquiries.

Elec Mn

Ulaanbaatar, Mongolia

Product Manager & Brand Ambassador | full-time

12/2019 - 10/2020

- 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.
- Developed STEM PCB "Unaga" line follower robot kit, generated \$1K profit.

PROJECT EXPERIENCE

Catchup | AI Agents 2.0 Hackathon | Cloudflare

San Francisco, CA

- Best Groq AI inference use | Best Multi-On use | Invitation for Groq HQ for live demo
- Developed a scalable platform with features inspired by Perplexity and Reddit, integrating AI-generated summaries and community discussions to deliver timely, relevant insights.

EnergyMate | DAHacks | DeAnza College

Cupertino, CA

- Secured 1st place | Best Environmental Project, IoT solution with ESP32 to reduce electricity consumption

NeuralNurse | Hack4Impact | UC Berkeley

Berkeley, CA

- Secured 2nd place | Best social good project, Best Hardware Project, and built an AI-driven system aiding individuals with dementia by using a Raspberry Pi, YOLO, and OpenCV to recognize faces and recall relationships.

CleanMars | SF Hacks | San Francisco State University

San Francisco, CA

- Secured the best hardware project and engineered CleanMars, an autonomous robot for trash discovery, collection, and classification using 3D printing, Arduino, and object detection algorithms.

GreenMate | DivHacks | Columbia University

New York, NY

- Developed GreenMate, an IoT and AI-driven plant health monitoring system utilizing ESP32S3, predictive watering models, and Snap AR Spectacles for data visualization, winning 2x prizes including 1st prize in the Snapchat AR.

EDUCATION

De Anza College

Cupertino, CA

Undergraduate, Majoring Computer Engineering, Minor Computer Science

3/2023 - Present

Coursework: Data Structures and Algorithms, Machine Learning, Embedded Systems, Database Systems, Linux

LEADERSHIP, VOLUNTEER & OTHER ACHIEVEMENTS

FIRST Global Robotics Competition | FIRST Robotics

Dubai, UAE

Team Lead | The Lab High School of Young Inventors

6/2019 - 12/2019

- Built a semi-autonomous pollution robot using Java, Solidworks, Autodesk Inventor, and Android.
- Awards: Ranked the [Mongolian robotics team](#) 34th out of 191 competing countries.

Google Product Expert (Google Chrome & Android OS)

Remote

Google Help Community

11/2024 - Present

- Provided expert-level assistance on Chrome and Android OS, assisting users and troubleshooting technical issues.

SKILLS & ADDITIONAL INFORMATION

Tech Skills: C, PHP, C++, Python, Solidworks, 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