

John Altankhuyag

www.johnaltan.com | (415)200-6548 | jt0729@stanford.edu

EDUCATION

Stanford University

Expected Computer Science B.S, Economics minor

Stanford, CA

2022

Relevant Coursework: Programming (CS106A CS106B), Systems (CS107 CS110), Probability (CS109), Discrete Math (CS103), Game Design (CS377G), Graphics (CS148), Cyber-security (INTLPOL 268), Algorithm/Data Structure (CS161), Web development (CS193X), Machine Learning (CS229)

Beijing No.80 High School

Class Valedictorian

Beijing, China

2018

EXPERIENCE

IT Zone LLC

Software Engineering Intern

07/2018 - 10/2019

- Developed and enhanced multiple features with full customizability option across HRM web platform used by top companies in Mongolia.
- Designed and built Front-end for key features and integrated them with back-end servers. Debugged existing code to solve problems and worked in deploying a full-scale product.

Stanford EduTech

Research Software Developer

06/2020 - 09/2020

- Designed and built a complete phone app from the ground up. Built and implemented advanced functionalities, such as Firebase Visual Recognition, knowledge-base data scraping, ML color classifier, and NLP chatbot with voice recognition.
- Ran user research with consumers and worked on iterative design and development.

PROJECTS

Green HRM

Fully automated HR platform for companies

ITZone LLC

- Designed and built most of the Front-end and built data visualization from back-end data
- Built seamless user personalized functionalities interacting with back-end servers, including login, update info, attendance, scheduling etc.

AI Spy

Machine learning & Computer vision education app

Stanford Edutech

- Utilizes machine learning, visual recognition, and data scraping to allow an AI Chatbot to detect objects in images and support a fully-functional speech based game of "I Spy" with the user

WeSearch

Wikipedia scraper app

For-fun project

- A search engine that scrapes basic definition, information, and example image from Wikipedia and displays it in an informative single-page format.

Snackchat

Diet and nutrition assistant

Hackathon project

- Allows users to take pictures of their daily foods and snacks and scans it for nutritional information, which an AI chatbot stores and chats with the user about their diet and calorie intake

DEVELOPMENT

Front-end (React, HTML, CSS, JS)
Mobile (Java, Kotlin, Swift, Android studio, Xcode)
Back-end (Nodejs, Python)

LANGUAGES

Systems (C, C++)
Object-Oriented (Java, JavaScript)
AI/Chatbots (Python, TensorFlow)