## Contact

Dublin, Ireland
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www.linkedin.com/in/xiao-zhang-28785b19b (LinkedIn)
github.com/xiao11lam (Personal)


## Top Skills

General Data Protection Regulation (GDPR)
AI Act
ISO 27001

## Languages

Chinese (Native or Bilingual)
English (Full Professional)
Korean (Limited Working)
French (Elementary)
German (Elementary)
Japanese (Professional Working)
Russian (Professional Working)
Vietnamese (Limited Working)
Malay (Elementary)

## Certifications

Human-Centered Design: an Introduction
The securities qualification certificate （China）& Futures Industy Qualifictions （China）
Bringing Software as a Medical Device to Market
Natural Language Processing Nanodegree
Sound and Vibration 1

# Xiao Zhang

CTO & Co-founder at Alto Health | Automating referral admin making every patient entry point more efficient and scalable.
Dublin, County Dublin, Ireland

## Summary


At Alto Health, we are transforming private clinical practice operations. Our AI-powered assistant streamlines private practice operations by reducing administrative burdens.

Alto automates and streamlines document and data flow, referral management, and patient preparation processes. To increase patient referrals, shorten referral-to-treatment times, and minimise administrative workloads, late reschedules, and unprepared patients—all while scaling your business with 1/6th the headcount.

Join us!

Connect with us to share your story, or introduce us to innovative doctors, clinics, hospital managers, or investors eager to tackle the $146 Bn problem of admin waste in specialist-doctor SMEs.


## Experience

### Alto Health
CTO & Co-founder
November 2023 - Present (3 years)

I have been instrumental in driving technological advancements at Alto Health through my role as CTO.

• Spearheaded the development of AI solutions that enhance medical documentation processes.

• Ensured compliance with ISO 13485 standards through rigorous internal auditing practices.

• Championed GDPR and cybersecurity initiatives to safeguard patient data integrity and privacy.

• Succeed investment, validating the company's value proposition and technical roadmap.

### Enterprise Ireland
Founder in Residence (NF2)
February 2025 - July 2025 (6 months)
TU Dublin

### EIT Health
2024 Medtech Bootcamp Corhort
September 2024 - October 2024 (2 months)

Out of hundreds of applicants across Europe, we have been chosen to join a select cohort of innovators. This program, supported by top-tier institutions like IESE Business School and Friedrich-Alexander-Universität Erlangen-Nürnberg, is the gold standard for early-stage medical device startups.

https://eithealth.eu/programmes/medtech-bootcamp/

### Dogpatch Labs
Founders Accelerator Program Resident
September 2023 - December 2023 (4 months)
Dublin, County Dublin, Ireland

Selected from 500+ applicants to join Founders Talent Accelerator, and build a globally impactful startup.

### GrabVoice
Founder
February 2023 - December 2023 (11 months)
www.grabvoice.com

GrabVoice is a web-based speech-processing tool for voice recording, and editing spoken speech like podcasts, audio mixing, or voiceovers. We use our AI solution to make speech sounds as good as possible.

### Trinity College Dublin
Research Assistant
December 2022 - September 2023 (10 months)
Speech and Phonetics Labs

### Oculus VR
Speech Recognition Engineer
June 2022 - October 2022 (5 months)

https://www.meta.com/portal/

### Longcheer
Speech Recognition Engineer
March 2021 - June 2022 (1 year 4 months)
Shanghai, China

Directed the deployment of scalable AI Speech solutions for two flagship Edge AI devices. Oversaw model validation and software integration, delivering production-grade conversational interfaces that exceeded client expectations and accelerated time-to-market.

Optimized on-device inference and signal processing flows, achieving a 20% reduction in processing latency. Mastered the integration of complex Audio APIs to ensure low-latency, high-accuracy voice recognition in constrained hardware environments.

Championed AI safety and system robustness, utilizing structured debugging protocols to identify and neutralize 15+ critical security vulnerabilities. Ensured seamless iteration cycles by aligning technical deliverables with agile system schedules.

### Montamnis Studio (美声美高 )
Co-Founder （ Audio Technical Manager)
April 2020 - March 2021 (1 year)
Singapore, Singapore

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## Education

### Trinity College Dublin
MPhil, Speech and Language Processing (Natural Language Processing)

### Munster Technological University
MSc in Software Architecture and Design

### Technological University Dublin
Medical Device Regulation

University of Colorado Boulder

Data Science