

BRIAN K. TSE, MD

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PRODUCT + CLINICAL LEADERSHIP PROFILE

Anesthesiologist building AI tools to reduce documentation burden and improve healthcare workflow reliability. Seeking applied AI product roles at the intersection of clinical workflows, safety, and operational reliability.

SELECTED AI PROJECTS

- **VaporChart (2026):** Designed and built an iPad-first anesthesia charting app with AI photo-to-vitals extraction, MIPS-aware documentation flow, and enhanced PDF chart export.
 - **Anesthesia Group Scheduling Platform (2026):** Built ACAMG scheduling tooling with quarterly scheduler operations, voting workflows, and personnel call-burden forecasting.
 - **OpenClaw Personal Agent System (2026):** Built and operate a multi-agent AI assistant with tool integrations, memory workflows, and scheduled automations for clinical scheduling and operations.
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PROFESSIONAL EXPERIENCE

Anesthesia Care Associates Medical Group | Burlingame, CA

Anesthesiologist, Mills Peninsula Medical Center | Mar 2023 - Present

- Deliver anesthesia care in a high-acuity perioperative setting across diverse surgical services.
- Built quarterly scheduler workflows and related operational tooling for ACAMG call and coverage planning.

El Camino Anesthesia | Mountain View, CA

Anesthesiologist, El Camino Hospital | Jul 2019 - Feb 2023

- Provided anesthesia care across a broad procedural mix in a fast-paced community hospital.
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PRIOR INDUSTRY EXPERIENCE

AgileMD | Medical Content Developer | Jul 2013 - May 2014

- Translated evidence-based medical guidelines from textbooks and primary literature into mobile-first clinical decision support content.
- Collaborated with publishers and universities to license educational and clinical content.
- Supported go-to-market efforts for medical students and trainees, contributing to adoption across thousands of users.

Basis Science | Summer Intern | Jun - Aug 2011

- Worked on early wearable analytics to convert watch-based heart-rate signals into user-facing insights.
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MEDICAL TRAINING

Stanford University Medical Center | Stanford, CA

Residency in Anesthesiology | 2016 - 2019

Internship in Internal Medicine | 2015 - 2016

EDUCATION

David Geffen School of Medicine at UCLA | Los Angeles, CA

M.D. | 2015

Stanford University | Stanford, CA

B.S., Biomechanical Engineering | 2009

Tau Beta Pi Engineering Honor Society

CERTIFICATION + LICENSURE

- American Board of Anesthesiology, Board Certified (2021)
- California Medical License A145458