AMMAR KHAN

About Me

I'm a Clinical AI Fellow at Boston Health AI, deploying an AI clinical scribe on-site and improving the product on the backend. Across mobile development, VR-based assessments, and clinical data systems, I build technology that is accurate, scalable, and practical in real care settings, with an understanding of how clinicians and patients use it.

EXPERIENCE

CLINICAL AI FELLOW

Boston Health AI

Oct 2026 - Present | Houston, TX

- Deploy an AI clinical scribe on-site in clinics, working with clinicians and staff to fit it into their daily workflow and gather feedback.
- Turn issues from live clinical use into backend fixes and new product features.
- Work between clinic staff and engineering so problems seen in practice are fixed at the source.

DEVELOPER

Stanford Health (Sepah Lab)

2024 - 2025

- Developed a VR-based remote vision-testing tool, enhancing early detection by up to 30 days.
- Programmed and validated VisionGuard, a visual acuity testing tool, dealing with front and backend development as well as patient trials.
- First author on the VisionGuard study; ran the clinical trials and presented the results at ARVO 2025, demonstrating clinical accuracy.

APP DEVELOPER

OIRRC (Ocular Imaging Research and Reading Center)

2023 - 2024

- Led development of Clarity by CREST, improving clinical-trial data capture across 200+ clinics based in the US and globally.
- Streamlined test workflows with coordinators to boost patient follow-through and consistency.
- Added validation tools to ensure clean, trial-ready submissions at scale.

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EDUCATION

BACHELOR OF SCIENCE

University of California, Davis
Agricultural & Environmental Technology

2022-2026

PUBLICATIONS

- VisionGuard: A Scalable Mobile Solution for Accurate Best Corrected Visual Acuity Testing
- Assessing ChatGPT's Performance in Delineating Uveitis: An analysis of responses to real-world case presentations

SKILLS

- Proficient in iOS app development (Swift, SwiftUI), VR development (Unity, C#), website development (HTML, CSS, JavaScript) and data analysis (Python, SQL, Strapi)
- Experienced in clinical AI deployment, hyperspectral imaging, and medical tech solutions.

LANGUAGES

- English (Fluent)
- Urdu (Fluent)
- Spanish (Conversational)