

Saaim Khan

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EDUCATION

Harvard Medical School | *M.D. – Pathways Program*

Graduation: May 2029

Harvard College | *A.B. Human Developmental and Regenerative Biology, Citation: ASL*

Graduation: May 2025

GPA: 3.87/4.00

PROFESSIONAL EXPERIENCE

Boston Children's Hospital | *Researcher* | Boston, MA

May 2023 – Present

- Translational Hearing Genomics Laboratory. PI: Dr. Eliot Shearer.
- Creating a customized Oxford Nanopore sequencing protocol to enhance the diagnostic yield of noncoding regions of key hearing loss genes with the goal of better identifying causes of idiopathic hearing loss in children.
- Collaborating with a multidisciplinary team of geneticists, audiologists, and bioinformaticians to interpret hearing loss gene therapy trial data and its implications for patient care.

Sterling Atlantic | *Investing Advisor* | Boston, MA

May 2025 – Present

- Leading diligence on middle-market healthcare transactions; modeling target valuations using comparable company analysis and forward ARR multiples
- Working directly with Sterling's Managing Director, Franco Scalamandre, to lead early-stage VC capital raises for portfolio companies.

Remus Capital Partners | *Investor* | Boston, MA

Oct. 2022 – Present

- Identifying and evaluating promising startups focused on healthcare technology, conducting market research, and financial analysis to support investment decisions.
- Aided in the IPO of Allurion Health (NYSE: ALUR) and Vyome Therapeutics (NDAQ: HIND) and conducted due diligence on healthcare market dynamics influenced by AI.
- Assisted in closing investments into HelloPatient (AI-enabled medical receptionist), Decoda Health (automated medical billing) and RadiantGraph (patient engagement), contributing to the growth and scalability of these startups.

Udemy | *Instructor* | Instructor Profile: <https://www.udemy.com/user/saaim-khan-3/>

Jul. 2019 – Present

- Conducting Introductory Computational Biology Research is a free online course that teaches the general public how to conduct computational biology research that matters to them for free, with a particular focus on high school students.
- Structural Biology 101: A Beginner's Guide is a free online course on Udemy that provides the tools to conduct structural bioinformatics and drug discovery research – molecular docking, virtual screening, protein structure determination, homology modeling, and more.
- > 10,000 students enrolled from 174 countries in both courses.

Boston Chapter, Hearing Loss Association of America | *Social Media Co-Director* | Boston, MA

Sept. 2022 – May 2025

- Coordinated and promoted New England Walk4Hearing Fundraisers via social media, contributing to raising over \$80,000 in 2022 and 2023, with strategic plans for the 2024 event.
- Hosted and promoted workshops on hearing loss resources and advocacy, creating interactive content and live Q&A sessions to support and educate the hearing loss community.

Yale University School of Medicine | *Researcher* | New Haven, CT

Jun. 2020 – May 2025

- Yale Ear Lab. PIs: Dr. Dhasakumar Navaratnam, Dr. Joseph Santos-Sacchi
- Analyzed electromicrographs of the inner ear of mice to characterize the structure and function of the Map1s, prestin, and β -V spectrin proteins as they relate to hearing and deafness.
- Paper: Stankewich MC, Bai JP, Stabach PR, et al. Outer hair cell function is normal in β V spectrin knockout mice. *Hear Res.* 2022;423:108564. doi:10.1016/j.heares.2022.108564
- Used 3D imaging software to characterize alpha spectrin protein function and localization in the inner ear—paper currently under review.

Boston Museum of Science | *Hard-of-Hearing DEI Consultant* | Boston, MA

Nov. 2023 – Jun. 2024

- Advised on accessibility features for a new hearing loss exhibit in the Hall of Human Life to ensure it is inclusive for deaf and hard-of-hearing individuals and the general public; featured in a mini documentary: <https://www.youtube.com/watch?v=cRjUoa6HWfk>

Horace Mann School for the Hard of Hearing & Deaf | *Classroom Assistant* | Allston, MA

Jun. 2023 – Aug. 2023

- Assisted elementary school students from diverse cultural backgrounds to ensure their engagement and focus during ASL instruction through interactive and adaptive teaching methods; helped them adapt to ASL-only environments and reinforced deaf culture values.

SKILLS

Software: Python, Linux, R, Microsoft Office

Languages: English (native), Urdu (conversational fluency), American Sign Language (conversational fluency)

Interests: Technically proficient in piano and bassoon; avid ice hockey fan and player; golf enthusiast; foodie.