Ramin Reza Rajaii, JD, MBA, MS

CURRICULUM VITAE

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Education

`Class of 2030`

Doctor of Medicine (MD), candidate

The Ohio State University College of Medicine · Columbus, OH[1]

- Half-tuition "Distinction" merit scholarship ($100,000)
- MCAT 523 (99th percentile)
- College of Medicine MDSR Scholarship, supported by the Samuel J. Roessler Memorial Medical Scholarship Fund (2025)
- Plastic and Reconstructive Surgery Mentorship Program, 1 of 8 selected (2025)

`May 2024`

Juris Doctor (JD), Business Law Concentration

University of Wisconsin Law School · Madison, WI[2]

- Full-tuition "Law-in-Action" merit scholarship ($156,000)
- LSAT 179 (99th percentile)
- Dean's Honor List (2023)
- Best Performance, International Trade Law (2024)

`August 2021`

Master of Business Administration (MBA)

Indiana University Kelley School of Business · Bloomington, IN[3]

- GPA 3.738
- Completed alongside full-time work

`June 2014`

Master of Science (MS), Healthcare Management and Bioinformatics

Dartmouth College (The Dartmouth Institute) · Hanover, NH[4]

- High Pass, the highest designation
- President, Dartmouth Graduate Student Council

`June 2013`

Bachelor of Science (BS), Neuroscience and Spanish

University of California, Los Angeles · Los Angeles, CA[5]

- GPA 3.623
- College and Departmental Highest Honors with Thesis
- Dean's Honors List, all eight semesters

More than $256,000 in competitive merit scholarships, as published.

Research appointments

`August 2024 to present`

Research Associate, Clinical Outcomes and Health Economics

OSU Wexner Medical Center, Columbus, OH · with Dr. Min-Jeong Cho, Department of Plastic and Reconstructive Surgery

UCSF Medical Center, San Francisco, CA · with Dr. Scott Hansen, Division of Plastic and Reconstructive Surgery

- OHIO STATE Lead investigator on an IRB-approved retrospective cohort study (n > 150) of axillary reverse mapping to prevent post-mastectomy lymphedema in patients undergoing axillary lymph node dissection; first author on the manuscript in preparation.
- UCSF Developed the implementation framework for outpatient injection-related soft tissue infection services in a safety-net setting, with a full cost-benefit and social-return-on-investment analysis. The service reaches 500+ patients a year. First author on both manuscripts, which are under review. Accepted to PSRC 2026.
- UCSF 27,731 source rows reconciled into 5,939 encounters representing 3,464 patients; a 409-patient eligible cohort, with follow-up measured in 284; three prespecified and five sensitivity analyses.
- OHIO STATE Retrospective cohort (n = 200+) on GLP-1 receptor agonist effects on BMI and lymphatic conditions, using multivariable regression and propensity score methods.
- Systematic reviews: virtual surgical planning and 3D printing in hand surgery distal to the distal radius (40+ studies; first author; in preparation), and deep sternal wound infection management (60+ studies).
- First-author abstract accepted to the California Society of Plastic Surgeons 2027 Annual Meeting.

May to October 2022

Graduate Research Scholar, Neuroscience

Wisconsin Institutes for Medical Research · Madison, WI

- NMDAR-mediated excitotoxicity in multiple sclerosis models.
- Co-authored poster, Society for Neuroscience (2024).

2009 to 2013

Research Scholar, Neurology and Neurosurgery

UCLA David Geffen School of Medicine, Ahmanson-Lovelace Brain Mapping Center · Los Angeles, CA

- Honors thesis on a bio-polymer hydrogel that promotes axonal regeneration in ischemic stroke models.

Experience

AI and engineering

February 2026 to present

Founder & Chief Executive Officer

Rajaii Labs, Inc.

- Architected, built and operates Substrate.
- Founder and, to date, the sole engineer.

January to April 2026

AI Training Legal Expert

AI Data Training Hub

- Authored the reviewer standards a production legal AI product is graded against: citation accuracy, reasoning-chain validity, jurisdictional correctness, evidence quality, calibrated uncertainty, unauthorized-practice safety.
- 80+ expert-verified SFT gold responses and RLHF preference items a week, at a 96%+ QA pass rate.
- Error analysis across six legal domains, reducing targeted failure-mode categories by about 18%.

June to August 2025

Medical and Legal Expert AI Assessment Writer

Snorkel AI

- 150+ graduate-level evaluation tasks and scoring rubrics benchmarking frontier-model reasoning in clinical decision-making and legal analysis.

Law

May to August 2023

Summer Law Associate

McCormick, Barstow, Sheppard, Wayte & Carruth LLP · Fresno, CA

- 15+ legal memoranda, 8 motions and 3 complaints across 6 concurrent commercial litigation matters.
- Medical-record review and causation analysis for malpractice defense.
- Received a full-time attorney offer in Specialty Litigation.

June 2022 to June 2023

Student Attorney

Law and Entrepreneurship Clinic, University of Wisconsin Law School

- Transactional work for 10+ startups under attorney supervision, across 200+ billable-equivalent hours.
- Operating agreements, terms of service, privacy policies and governance documents, mapped to CCPA, GDPR and BIPA.

June 2022 to June 2023

Legal Technology Extern

New Era Alternative Dispute Resolution

- Regulatory landscape for a legal-technology product: consumer arbitration rules and biometric privacy statutes.
- Dispute-resolution workflow analysis.

Consulting and regulatory

November 2020 to present

Founder, Principal Consultant and Medical Writer

Rajaii Consulting LLC

- FDA regulatory strategy, scientific due diligence, competitive intelligence and IP for early-stage biotech.
- Eight R&D dossiers for Medosome Biotec, from discovery through IND, across remyelination therapeutics, oral peptide delivery and probiotic platforms.
- Among them, a 160+ page regulatory feasibility assessment, with every claim traced to FDA, PubMed/PMC, ClinicalTrials.gov or USPTO sources.

- Competitive landscape mapping across 10+ indications; freedom-to-operate analyses and patent landscape reviews.
- USPTO prosecution support answering a 35 U.S.C. § 112(a) enablement rejection (*In re Wands*; *Amgen v. Sanofi*).

June 2014 to July 2017

Business and Marketing Consultant

Association of MD/MBA Programs

- Helped scale the network to 100+ affiliated dual-degree programs.

2009 to 2013

Healthcare and Intellectual Property Consultant

UCLA Business of Science Center

- Led commercialization teams.
- Secured a $100,000 NIH grant for the Biomedical Device Innovation Program.
- Drafted provisional patent applications and FDA pre-submission inquiries.
- Prior-art and freedom-to-operate analyses.
- Entrepreneurship programming drawing 300+ attendees.

Teaching

August 2025 to present

MCAT and LSAT Instructor

Varsity Tutors

August 2025 to present

Senior LSAT Instructor

LSAT Unplugged

- One-on-one and small group instruction for students targeting 170+ scores and T14 admissions.

August 2025 to present

Head Admissions Coach and Instructor

Prep for Success Tutors

September 2022 to present

Founder and Instructor

Limitless Prep

- The complete in-house MCAT content library: physics, general chemistry, organic chemistry, biochemistry, biology, psychology and sociology, CARS.
- An end-to-end LSAT curriculum.
- 40+ hours of original video lectures, a 2,500-question bank, and 200+ problem sets with step-by-step solutions.
- A Next.js and TypeScript scheduling-to-invoicing dashboard.

January 2015 to July 2023

Master MCAT Instructor

Examkrackers

- 50+ intensive courses over eight years, with cohorts of 50 to 200.
- Approximately 12-point average score gains, diagnostic to official exam.
- 4.8+/5 instructor ratings.
- Trained 10+ junior instructors.
- Content development aligned to AAMC blueprint updates.

January to March 2020

MCAT Academic Manager

Blueprint Test Prep

- Managed a national team of 100+ MCAT tutors: hiring, training, onboarding, evaluation, QA.
- Restructured workflows for about 25% higher tutor efficiency.

Ventures

December 2025 to present

Founder and Product Manager

SPLONK

- A consumer mobile puzzle game, taken from concept to release-ready iOS and Android builds in React Native and Expo (185 source files).
- Two USPTO trademark registrations (Classes 9 and 41).

June 2015 to July 2018

Founder and Head of Product

MindFull Technologies · Los Angeles, CA

- A digital mental-health app translating 30+ evidence-based interventions into individualized daily tasks.
- $15,000+ in competitive funding from UCLA, the UC Berkeley Big Ideas Competition and the California Medical Association.
- Sited the product under FDA general-wellness enforcement discretion and wrote its HIPAA and FTC privacy posture.

Earlier

January 2019 to January 2020

Business Analyst

Aflac Group Insurance · Los Angeles, CA

- Needs analysis, proposal design and implementation for regulated benefits products.
- Partnered with C-suite executives on packages covering 1,000+ employees.

Publications

11 peer-reviewed publications (1 in press), 9 indexed in PubMed[6] · 3 under review · 3 in preparation

Sekhon S, Uzoekwe M, Tompkins-Rhoades C, Rajaii R, Hansen SL. A Consensus Single-Cell Atlas Reveals a Constrained Set of Dominant Cellular Programs in Hidradenitis Suppurativa. *JID Innov*. 2026. doi:10.1016/j.xjidi.2026.100553. (https://raminrajaii.com/ramin-rajaii/publications/hidradenitis-suppurativa-single-cell-atlas)

Uzoekwe M, Sekhon S, Tompkins-Rhoades C, Patel H, Rajaii R, Hansen SL. Procedural stacking as an independent marker of thirty-day morbidity in plastic surgery: A national cohort study. *J Plast Reconstr Aesthet Surg*. 2026;122:53-64. PMID 42691931. (https://raminrajaii.com/ramin-rajaii/publications/procedural-stacking-thirty-day-morbidity)

Sekhon S, Tompkins-Rhoades C, Uzoekwe M, Rajaii R, Trinh M, Sheff S, Hansen SL. Shorter Wound-healing Times Associated With Select Perioperative Medical Therapies in Hidradenitis Suppurativa Surgery, and a Limited Clinical Role of Intraoperative Cultures: A 194-Case Retrospective Review. *Ann Plast Surg*. 2026;97(3):317-323. PMID 42201339. (https://raminrajaii.com/ramin-rajaii/publications/hidradenitis-suppurativa-perioperative-wound-healing)

Flores Garcia J, Smith JM, Rajaii R, Geisler EL, Skoracki RJ, Cho MJ. Use of axillary vascular grafts in prophylactic lymphovenous bypass: technical challenges and lessons learned. *Front Surg*. 2026;13:1821731. PMID 42181545. (https://raminrajaii.com/ramin-rajaii/publications/axillary-vascular-grafts-prophylactic-lymphovenous-bypass)

Housing status and documented post-procedure follow-up in a safety-net soft tissue infection clinic. *Plast Reconstr Surg Glob Open*. In press. (https://raminrajaii.com/ramin-rajaii/publications#pub-housing-status-post-procedure-follow-up)

Senger JB, Rajaii R, Slater C, Cho MJ. Proximal vs. Recipient Site for Vascular Lymph Node Transfers for Breast Cancer-Related Lymphedema: A Meta-Analysis and Systematic Review. *J Clin Med*. 2025;14(20):7281. PMID 41156151. (https://raminrajaii.com/ramin-rajaii/publications/vascularized-lymph-node-transfer-meta-analysis)

Shaterian A, Rajaii R, Kanack M, Evans GRD, Leis A. Predictors of Digit Survival following Replantation: Quantitative Review and Meta-Analysis. *J Hand Microsurg*. 2018;10(2):66-73. PMID 30154618. (https://raminrajaii.com/ramin-rajaii/publications/digit-survival-replantation-meta-analysis)

Sahyouni R, Mahmoodi A, Mahmoodi A, Rajaii RR, Hasjim BJ, Bustillo D, Huang M, Tran DK, Chen JW. Interactive iBook-Based Patient Education in a NeuroTrauma Clinic. *Neurosurgery*. 2017;81(5):787-794. PMID 28368534. (https://raminrajaii.com/ramin-rajaii/publications/ibook-patient-education-neurotrauma)

Sahyouni R, Moshtaghi O, Tran DK, Kaloostian S, Rajaii R, Bustillo D, Chen JW. Assessment of Google Glass as an adjunct in neurological surgery. *Surg Neurol Int*. 2017;8:68. PMID 28540134. (https://raminrajaii.com/ramin-rajaii/publications/google-glass-neurological-surgery)

Moshtaghi O, Haidar YM, Sahyouni R, Rajaii R, Moshtaghi A, Mahmoodi A, Ghavami Y, Lin HW, Djalilian HR. Use of interactive iBooks for patient education in otology. *Am J Otolaryngol*. 2017;38(2):174-178. PMID 28089173. (https://raminrajaii.com/ramin-rajaii/publications/ibooks-patient-education-otology)

Sahyouni R, Moshtaghi O, Rajaii R, Tran DK, Bustillo D, Huang M, Chen JW. Evaluation of an iPhone Otoscope in a Neurotrauma Clinic and as an Adjunct to Neurosurgical Education. *Insights Neurosurg*. 2016;1(1):4. PMID 27135057. (https://raminrajaii.com/ramin-rajaii/publications/iphone-otoscope-neurotrauma-clinic)

Every publication, with citations → (https://raminrajaii.com/ramin-rajaii/publications)

Selected presentations

2027	First-author abstract, accepted: California Society of Plastic Surgeons 2027 Annual Meeting
June 2026	OASIS follow-up and houselessness ePoster, PSRC 71st Annual Meeting
May 2026	OASIS follow-up and houselessness American Association of Plastic Surgeons
May 2026	Financial sustainability and social return on investment in safety-net primary care Oral presentation, UCSF Department of Surgery 39th Annual Resident Research Symposium, San Francisco · presenting author
May 2026	Single-cell atlas and endotypes Northern California Chapter, American College of Surgeons

April 2026
OASIS follow-up and houselessness
California Society of Plastic Surgeons

January 2026
Financial analysis of a safety-net skin and soft-tissue-infection clinic
Oral presentation, UCSF Department of Plastic Surgery Monthly Research Meeting

January 2026
Hidradenitis suppurativa surgical adjuncts (194 operations)
Oral presentation, Western Medical Research Conference, Carmel, CA

November 2025
Axillary reverse mapping
Poster, Ohio State MDSR Symposium · first author

October 2025
Accelerated wound healing after HS surgery
Surgical Outcomes Club, Chicago

May 2025
Surgical reoperation in HS
California Society of Plastic Surgeons

May 2025
Complex limb salvage
Poster, Ohio State PRS Mentorship Symposium · first author

March 2025
Cutaneous microbiome trends in HS
Northern California Chapter, American College of Surgeons

2024
NMDAR-mediated excitotoxicity in multiple sclerosis models
Poster, Society for Neuroscience · co-author

March 2018
Predictors of digit survival
American Association for Hand Surgery · second author

Awards and honors

- College of Medicine MDSR Scholarship, supported by the Samuel J. Roessler Memorial Medical Scholarship Fund, The Ohio State University (2025)
- Plastic and Reconstructive Surgery Mentorship Program, The Ohio State University: 1 of 8 selected (2025)
- Best Performance, International Trade Law, University of Wisconsin Law School (2024)
- Dean’s Honor List, University of Wisconsin Law School (2023)
- UC Berkeley Big Ideas Competition Award, for MindFull Technologies (2016)
- California Medical Association Award, for MindFull Technologies (2015)
- UCLA College Honors Graduation Award, one per graduating class (2013)
- UCLA Chancellor’s Service Award (2013)
- Los Angeles Business Journal Healthcare Leadership Award for Best Outreach Program (2013)
- Dean’s Prize, UCLA Science Poster Day (2013)
- Society for Neuroscience Professional Conference Research Grant
- Iranian Scholarship Foundation Four-Year Merit Scholarship, $24,000 (2009–2013)
- Two USPTO trademark registrations, SPLONK (2026)
- Merit scholarship, University of Wisconsin Law School, full tuition ($156,000)

- Merit scholarship, The Ohio State University College of Medicine, half tuition ($100,000)

Certifications

Basic Life Support (BLS)

HIPAA

CITI Human Subjects Research (Biomedical and Social-Behavioral)

Memberships

American Society of Plastic Surgeons

Plastic Surgery Research Council

American College of Emergency Physicians

American Medical Association

American Bar Association Health Law Section

American Health Law Association

Languages

English (native)

Spanish (clinical proficiency)

Farsi (conversational)

Tools I build and research with

REDCap
SPSS
R
GraphPad Prism
Epic EHR
EndNote
LaTeX
Westlaw
LexisNexis
TypeScript
Next.js
Postgres
Python
React Native
Expo

SOURCES

1. The Ohio State University College of Medicine · Class of 2030 · https://medicine.osu.edu/
2. University of Wisconsin Law School · May 2024 · https://law.wisc.edu/
3. Indiana University Kelley School of Business · August 2021 · https://kelley.iu.edu/
4. Dartmouth College · June 2014 · https://tdi.dartmouth.edu/
5. University of California, Los Angeles · June 2013 · https://www.ucla.edu/
6. PubMed records, by PMID · checked 2026-10-24 via PubMed E-utilities · https://pubmed.ncbi.nlm.nih.gov/?term=27135057%5Buid%5D+OR+28089173%5Buid%5D+OR+28368534%5Buid%5D+OR+28540134%5Buid%5D+OR+30154618%5Buid%5D+OR+41156151%5Buid%5D+OR+42181545%5Buid%5D+OR+42201339%5Buid%5D+OR+42691931%5Buid%5D