SHREYA RAMAYYA, MD

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EDUCATION

ALPERT MEDICAL SCHOOL OF BROWN UNIVERSITY   Providence, RI
Doctor of Medicine (M.D.)   May 2023
- *Involvement:* Med Senate Finance Committee, Lotus Noire Health, Patient Advocacy Coordinating Council
- *Awards*: AMA Leadership Development Institute, FAER Medical Student Research Fellowship, Framework in Global Health Grant

BROWN UNIVERSITY   Providence, RI
Bachelor of Science (Sc.B) in Computer Science & Economics   December 2018
- *Involvement:* Global Health Research Assistantship (Haiti and Belize), New Scientist Collective, PLME Student Government

WORK AND RESEARCH EXPERIENCE

CEDARS-SINAI MEDICAL CENTER   Beverly Hills, CA
Resident – Department of Internal Medicine   June 2023 – Present
- Engage in patient care in various clinical environments to gain experience in general internal medicine and related subspecialties
- Conduct research with faculty in the areas of clinical informatics and quality improvement

GOOGLE, INC. | Vituity   Palo Alto, CA
Medical Specialist (Contractor) – Google Health   October 2022 – Present
- Inform new product releases for Google Health by providing precise clinical insights through user experience studies
- Evaluate and grade various health records to train machine learning models and facilitate health data processing

CURAI, INC.   Palo Alto, CA
Data Science Consultant – Clinical Informatics   March 2020 – September 2020
- Improved prediction of patient needs and suggested healthcare interventions by analyzing 1500+ physician workflows
- Merged the internal knowledge base to improve automated chat suggestions for the core Curai Health product

GOOGLE, INC.   Mountain View, CA
Technical Program Manager – Pixel Software   February 2019 – August 2019
- Interfaced with Google teams worldwide as well as other OEMs to coordinate Android security efforts and monthly releases
- Facilitated security release cycles to improve security coverage for in-market and new-release mobile devices across Android

MICROSOFT CORPORATION   Redmond, WA
Program Management Intern – Windows Defender ATP   June 2018 - September 2018
- Developed effective platforms for actionable threat intelligence
- Built platforms to highlight key areas of security vulnerabilities across the organization and share insights with stakeholders

SOCIAL ENTREPRENEURSHIP

MYLARIA   April 2012 – Present
Co-Founder – A Non-Profit Corporation
- Founded Mylaria to educate and deliver resources to people in endemic areas to prevent malaria by recruiting volunteers, while continuing to conduct research related to the development of malaria therapies, raised over $65k to support efforts

LEADERSHIP & COMMUNITY INVOLVEMENT

ALPERT MEDICAL SCHOOL WHITE COAT POCKET GUIDE, *Tech Lead/Project Manager*   November 2018 – May 2023
- Managed a team of 5 developers to create an app to connect patients with community resources in the clinical setting
- Curated a paper guide that has already been incorporated into the Alpert Medical School/Residency curriculum at 8 hospitals

BREEZE AGAINST WHEEZE CHARITY 5K, *Event Director*   August 2019 – March 2021
- Coordinated an annual 5K fundraiser to support the Hasbro Children's Hospital Asthma Camp, raised $15k from 2019-2021

POSTER PRESENTATIONS

UNITE FOR SIGHT, *Global Health and Innovation Conference*   April 2020
- "Characterizing the Surgical Needs of the Syrian Refugee Population in Turkey, 2012-2019"

RADIOLOGICAL SOCIETY OF NORTH AMERICA, *Annual Meeting*   December 2019
- "Cognitive Load After an 8-hour Shift in a Busy ER Reading Room"

AMERICAN PUBLIC HEALTH ASSOCIATION, *Annual Meeting*   November 2019
- "A Medical Student 'Pocket' Guide to Community Based Resources"

SOCIETY OF ACADEMIC EMERGENCY MEDICINE, *South Central Regional Meeting*   September 2019
- "A Simulation and Small-Group Pediatric Emergency Medicine Course for Generalist Health Care Providers"

TECHNICAL SKILLS & ADDITIONAL INFORMATION

- *Programming/Applications*: Python, Matlab, C, Java, JavaScript, Cassandra, VMD, PyMol
- *Languages*: Kannada (native), English (native), Spanish (advanced), Mandarin (intermediate), Hindi (intermediate)
- *Additional Accolades*: Intel ISEF First Place, Intel STS Semifinalist, Siemens Award Semifinalist, BioGENEius Finalist
- *Interests*: Teaching, Global Travel, Public Speaking, Skiing, SCUBA Diving, Golfing, Vegan Cooking
- *Test Scores*: SAT - 2360 (M 800, W 800, R 760), Physics - 800, Chemistry - 800, Math Level II - 800, Biology – 800, GMAT – 770 (Q49, V47, IR8)