

RAKSHITH SRINIVASAN

Pre-Med Student & Founder of “Unlimited Potential” | (425)-526-9197 | srini229@purdue.edu

EDUCATION

Purdue University, John Martinson’s Honors College

Biomedical Health Sciences on Pre-Medicine Track | Aug 2024 - present

2024, 2025 Dean’s List & Semester Honors (GPA: 3.86)

WORK & RESEARCH EXPERIENCE

Undergraduate Researcher with Carroll Lab

Carroll Lab, Purdue University | Dec 2024 - present

- Conducting research on tendonitis by understanding human physiology, learning MATLAB

Co-Chair on Honors Leadership Council

College of Health & Human Sciences, Purdue University | Mar 2025 - present

- Representing and promoting HHS community, building diverse networks within Honors College

Orthopedics Physician Shadow Experience

University of Washington School of Medicine | May 2024 - Aug 2024

- Observed patient evaluations and treatments under Dr. Cindy Lin, specialist in orthopedics.

Research Assistant with Pattabiraman Lab

Pattabiraman Lab, Indiana University School of Medicine | Jun 2023 - Aug 2023

- Conducted research on eye disease glaucoma, learned lab tools such as PCR, Bradford, and cell cultures

VOLUNTEERING & LEADERSHIP

Founder of Non-Profit Organization “Unlimited Potential”

Founder | Nov 2021 - present

- Raised more than \$100,000 in funds for research in sports medicine & oncology (enableup.org)
- Worked with major hospitals/organizations like Seattle Children’s & Special Olympics

Tutor/Mentor with World Relief Organization

Volunteer | Sep 2022 - present

- Mentoring youth from refugee families, tutor for homework and assist with lifestyle changes.

Speaker at Special Olympics “Unified Champion Schools” Event

Volunteer & Public Speaking | Jun 2023

- Spoke to audience of differently abled students about fundraising and power of philanthropy

LEAP Internship Student-Athlete Member for WIAA

Washington Interscholastic Activities Association | Sept 2022 - May 2024

- Among 12 other LEAP members, voice of over 225,000 student-athletes in Washington State.
- Developed inclusive efforts to enable a level playing field for differently abled student athletes.

AWARDS RECIEVED

1 st Place Award in Biomedical Division at 67 th Annual Washington State Science Fair	Apr 2024
\$2,000 Academic Scholarship from Bremerton Lions Charitable Foundation	Apr 2024
Virginia Mason “Medical Research Excellence” Award Nominee	Apr 2024
George W. Bush “Daily Point of Light” Award 7638 th Nominee	Sept 2023
1 st Place Award in Biomedical Division at 66 th Annual Washington State Science Fair	Mar 2023
Olympic College “Outstanding Biomedical Researcher” Scholarship	Mar 2023

PUBLICATIONS

Lipid Biogenic Gene Pathways as Biomarkers to Identify Elevated Intraocular Eye Pressure

[*Published in American Journal of Ophthalmology and Visual Science*](#) | Sept 2023

Effect of BCAA Supplementation in Aiding Muscle Soreness to Prevent Lateral Ligament Ankle Injuries

[*Published in American Journal of Sports Science*](#) | Apr 2023

“Overcoming Obstacles” (Amazon Top 100 Bestsellers List)

[*Amazon Book Link*](#) | May 2023

SKILLS

- American Red Cross CPR/AED and First Aid Certification Apr 2024 - Apr 2026
- Proficient in Python & MATLAB programming
- Skilled in AI/ML model development
- Trilingual in English, Spanish, & Tamil