

Pavan Thota

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EDUCATION

The Ohio State University

May 2024

Bachelor of Science: Major in Health Sciences – Minor in Biology

TECHNICAL SKILLS

Programming and Computer Skills: Python and Java(Learning)

Relevant Coursework: AP Calculus AB, AP Calculus BC, Calculus 3, Linear Algebra, Fundamentals of Engineering 1 and 2, Biology 1113, Biology 1114, Organic Chemistry 1 and 2, Biochemistry, Physics 1250, Physics 1251, Intro to Java(currently taking), Microbiology(Currently taking)

WORK EXPERIENCE

Agarwal Labs - Research Assistant

August 2020 – January 2022

- Worked on imaging and experiment preparations with mutated Collagen Type IV cells

Undergraduate Research Apprentice Program(URAP) – Research Intern

April 2021 - September 2021

- Continued my work with AFM imaging and also provided data analysis of images.
- Presented images and program description in a hosted online symposium at the end of the program([URAP+Research Results.docx](#))

Mechanisms of Human Health and Diseases – Researcher

May 2019 - August 2019

- Received patient data and researched the mechanisms of Stage 2 Breast Cancer and Stroke.

Mathnasium Math Tutor – Instructor

March 2020 - December 2020

- Instructed students in K-12 on various mathematical concepts taught in their schools and on standardized exams.

Nutrition Department at Wexner Medical Center – Data and Nutrition Advisor

April 2022 – September 2022

- Compiled data of patient's diets and formulated daily nutrition and meal plans in various hospital sectors.

ADDITIONAL

Shadowing at the Ross Heart Hospital at Wexner Medical Center

January 2021 - Present

- During this shadowing experience, I was able to look over various procedures done under the supervision of Dr. Jean Starr and Dr. Robert Beaulieu. Both are prestigious vascular surgeons at the Ross Heart Hospital and they have allowed me to watch multiple complex procedures like limb amputations, angiogram scans for poor blood flow, and carotid endarterectomy.

Indian Student Association – Events and Logistics Board Executive

April 2022 – Present

- Hosted important events that spread Indian Culture.
- Outreached to various organizations increases diversity in and out of the Indian community on campus.
- Looked and organized all the international students coming into campus and helped with networking and giving them a tour in and out of campus.

OSU Origins – Outreach Chair and Dancer

August 2022 – Present

- Won 1st place at the national competition in coordinate dance that was a fusion of classic Indian songs and dance forms like traditional Bhangra and Hip Hop.
- As Outreach Chair, focused on communication with various organizations in and out of campus and organized sponsorships for the team.

Hindu Yuva OSU – Events Board and Logistics Director

August 2020 – August 2022

- Helped the community by teaching the concepts and beliefs of Hinduism and organized data based on surveys provided to make the program more interactive for each member.
- Hosted events and brought important speakers around the country to support our program and give back by creating donation events and food drives which I volunteered for.