

# Rohan Kolli

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## EDUCATION

Michigan State University, College of Engineering, East Lansing, MI

Bachelor of Engineering, Major in Computer Engineering

May 2027

GPA: 3.85/4.0, Dean's List: All Eligible Semesters

Activities/Societies: 180 Degrees Consulting, UNICEF, StarX team, MSU AI Club

## EXPERIENCE

### Magna International, Troy, MI

*Advanced Engineering Intern*

June 2022 – August 2022

- Automated routine data retrieval from autonomous delivery robots for R&D team by developing a Selenium bot to consolidate data in excel, saving team 4 hours each day and allowing more focus on strategic development
- Enhanced user interface for a centralized autonomous delivery bots' website by using Vue.js to restructure old website format, improving user engagement and operational efficiency
- Led informational workshops for R&D team about AWS and its benefits for transitioning team's focus from Google services to AWS, enhancing system reliability and team productivity in cloud-based operations

### iCode, Troy, MI

*Lead Instructor*

March 2023 – August 2023

- Instructed 200+ students in key tech topics such as AI, coding, 3D printing, and robotics, enhancing their digital literacy and fostering a passion for technology
- Spearheaded training sessions for new hires to promote good teaching practices and how to navigate issues that may arise, resulting in improved teaching quality and student retention rate
- Ran workshops in three nearby elementary schools, increasing iCode's reach to three hundred more students and significantly expanding the community's engagement and enthusiasm for technology across the neighbourhood

### Navtech, Troy, MI

*Machine Learning Intern*

June 2021 – August 2021

- Developed AI database, optimizing a shrimp factory's production, saving thousands of dollars by enhancing flaw detection and quality assurance

## ADDITIONAL EXPERIENCES

### MSU UNICEF, East Lansing, MI

*Treasurer*

November 2023 - Present

- Managed and directed over \$1,500 towards impactful projects, including a Ukraine aid project, delivering essential supplies to support wartime relief efforts
- Delivered multiple informative presentations that educated members on various crises and detailed steps they could take to have a positive impact through advocacy

### InterviewPrep, East Lansing, MI

January 2024 – Present

*Personal Project*

- Developing a Django-based platform to pair students for interview preparations by applying Web Development skills to facilitate peer learning

## SKILLS & HONORS

Skills: Java, Python, Arduino, Raspberry Pi, AWS technologies, Django, Web Development

Languages: English, Telugu, Spanish proficient

NASA Space Apps Challenge Global Nomination

October 2021

AP Scholar with Honor Recipient

June 2023