

Pratham Vivek Prabhu
2634 STRATFORD AVENUE, CINCINNATI, OHIO, 45220
prabhupv@mail.uc.edu | +1 5139238908

EDUCATION

University of Cincinnati, Cincinnati, Ohio

MAY 2027

Bachelor of Science, Computer science

UC Global Scholarship, CEAS International Scholarship

Saraswati Vidya Mandir, Mumbai, Maharashtra

Rotary Youth Leadership Award, Regional Mathematical Olympiad

GRADUATED 2022

RESEARCH

VIRTUAL REALITY

Working on a research paper on virtual reality under the guidance of professor Aurisano Julian.

UNDERGRADUATE RESEARCH SOCIETY

Partnering with seniors to provide assistance on machine learning and neural nodes based research paper.

EXPERIENCE

PERSONAL WEBSITE

JANUARY 2023

- Developed a personal blog to showcase skills and projects using HTML, SCSS, and JavaScript
- Project link: [GitHub](#) | [Live site](#)

PEER TUTOR

JANUARY 2023-PRESENT

- Communicated with a team of 8 to host 12 one on one sessions weekly to teach calculus, where I analyzed and created new strategies to help my peers.
- Mentored and conceptualized students' questions while providing support to faculty by taking the initiative of maintaining direct communication between the team and the supervisor.

ENGINEERING DESIGN THINKING

AUGUST 2022-PRESENT

- Led a team of 4, organized over 20 meetings, and documented the progress of technical projects.
- Constructed an EV3 Lego robot using LabVIEW to navigate obstacles.
- Explored problems with statistics, spatial visualization, python, and MATLAB.
-

PROJECT MANAGER

2019-2021

Rotary Club of Mumbai

- Managed, directed, and implemented 6 projects in total, developing core skills including communication, people management, leadership, learning, and influence.
- Directed the project of installation of public urinals in the village of Dandari.
- Led a team of 27 and collaborated with 12 other teams and villagers.
- Achieved the Rotary Youth Leadership Award (RYLA).

ACTIVITIES & LEADERSHIP EXPERIENCE

UC SOLAR CAR TEAM:

AUGUST 2022-PRESENT

- Co-lead in the development of the GPS tracking system of the car.
- Optimized the location, based on the speed and distance traveled.

IEEE:

AUGUST 2022-PRESENT

- Collaborated on a research project on virtual reality under professor Aurisano Julian.

SKILLS

Computer: Python, C++, LabView, MATLAB, Excel, HTML, AWS, CSS, JAVASCRIPT

Language: Japanese (Learning), German (Learning).

AVAILABLE TO CO-OP FALL 2023 or SPRING 2024