

Pratham Vivek Prabhu
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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

Foundation of Engineering Design and Thinking Research

University of Cincinnati, Cincinnati, OH

Participated in a team of 4 to design a kitchen environment, easily accessible to the elderly.

Designing and selecting various hardware and cooking architecture.

EXPERIENCE

PEER TUTOR / THE UNIVERSITY OF CINCINNATI / JANUARY 3RD TO PRESENT

- CONDUCTED OVER 12 ONE-ON-ONE SESSIONS WEEKLY ON AVERAGE IN MORE THAN 8 DIFFERENT COURSES TO SUPPORT THE ACADEMIC CONCERNS OF STUDENTS AND STUDENT-ATHLETES. DEVELOPED A TEAM WORK ETHIC BY WORKING WITH A TEAM OF OTHER TUTORS TO COORDINATE AND MANAGE THE STUDENTS. DEMONSTRATED LEADERSHIP AND COMMUNICATION SKILLS TO CREATE A POSITIVE ENVIRONMENT WHERE STUDENTS COULD FREELY EXPRESS THEMSELVES.

ROBOT BUILDING/ ENED 1100 / AUGUST 2022- NOVEMBER 2022

- COLLABORATED AND LED A TEAM OF 4 TO DEVELOP A LEGO ROBOT USING EV3 BLOCK AND LABVIEW TO IDENTIFY AN ELEMENT, PICK IT UP AND STORE IT IN THE DESIRED TRASH CAN. STRENGTHENED AND DEVELOPED TEAMWORK, COMMUNICATION, AND ANALYTICAL SKILLS AS THE TEAM'S PROGRAMMER AND ENGINEERING NOTEBOOK RECORDER. ACHIEVED 91% SCORE ON ROBOT FINAL DEMONSTRATION, AND 100% SCORE ON ENGINEERING NOTEBOOK.

PROJECT MANAGER / ROTARY CLUB OF MUMBAI WEST COAST / 2019 - 2021

DIRECTED THE PROJECT OF INSTALLATION OF PUBLIC URINALS IN THE VILLAGE OF DANDARI IN MUMBAI, LEADING A TEAM OF 27 AND COLLABORATING WITH 12 OTHER TEAMS AND VILLAGERS. OVERALL PARTICIPATED IN 11 PROJECTS, DIRECTING AND LEADING OF 4 AND BEING THE PROJECT MANAGER OF 2, DEVELOPING CORE SKILLS LIKE COMMUNICATION, PEOPLE MANAGEMENT, PLANNING AND DELIVERY, LEADERSHIP, PERSEVERANCE, LEARNING AGILITY, PERSUASION AND INFLUENCE. IN ALL COLLABORATED WITH MORE THAN 5000 PEOPLE, DEVELOPING STRONG COMMUNICATION.

- ACHIEVED THE ROTARY YOUTH LEADERSHIP AWARD (RYLA)

TEACHING ASSISTANT / CITY INTERNATIONAL SCHOOL / DECEMBER 2018 to OCTOBER 2019

- MENTORED 8TH AND 9TH-GRADE MATHEMATICS AND TECHNICAL DRAWING. RESPONSIBLE FOR GRADING, MONITORING, AND PROVIDING FEEDBACK FOR ASSIGNMENTS AND EXAMS FOR OVER 70 STUDENTS. PROVIDED IN-CLASS ASSISTANCE TO HELP STUDENTS THOROUGHLY UNDERSTAND AND CONCEPTUALIZE CLASS MATERIALS. LED PEER-MENTORING SESSIONS ON TOPICS INCLUDING CAREER SUCCESS, DIVERSITY, MENTAL HEALTH, ETC.

ACTIVITIES & LEADERSHIP EXPERIENCE

UC solar CAR TEAM: Co-lead in the development of the GPS tracking system of the car by optimizing the speed, conceptualizing and collaborating with a team of 10.

IEEE: Collaborated on a research project on virtual reality under professor Aurisso Julian.

BEARCAT BUDDIES: Taught 4th graders skill builders and helped enhance their verbal and written skills

SKILLS

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

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

AVAILABLE TO CO-OP FALL 2023 or SPRING 2024