

EDUCATION

University of Cincinnati, Cincinnati, OH

Expected Graduation: 2022

Bachelor of Science, Computer Science, Mathematics Minor

GPA 3.44/4.00

The Aryan International School, Varanasi, India

Class of 2017

CGPA 10.00/10.00

SKILLS

- **Computers:** C++, C#, Python, Swift, HTML, CSS, MATLAB, Machine Learning and AI, Kali Linux, Fusion360, Adobe Suite, Microsoft Office.
- **Languages:** English, Hindi, German

EXPERIENCES AND LEADERSHIP

- **Research Publications**
 - I. Applications of Machine Learning in Building Energy Predictions and Savings. Energy Research Journal 2019. Priyan Rai et al.
 - II. Linear and Classification Learner models for Building Energy Predictions and Predicting Saving Estimations. SimAud 2019. Kevin Eaton, Nabil Nassif, Priyan Rai and Alex Rodrigues.
 - III. Modeling of Chilled Water VAV Systems Using a Machine Learning Approach. Intl. Conf on Artificial Intelligence 2019. Rand Talib, Priyan Rai and Nabil Nassif.
- **Student Orientation Leader (April-Aug 2018)**

Represented the UC student body and the University to incoming first year students.
- **President of The Astronomy Club at UC (March 2018-Present)**

Collaborated with executive team to organize weekly sessions and assisted in advertising.
- **President of Student Government in High School (May 2016-April 2017)**

Convened regular meetings at high school working with students to resolve problems, informing school administration of ideas emanating from the student body.
- **President of Robotics Club (July 2015-December 2015)**

Collaborated with teachers and students at high school to schedule and implement activities and sessions in the club.
- **First Chair (October 2013-November 2016)**

Lead the violinists in the school orchestra to synchronize and perform better.

AWARDS

- **University of Cincinnati:** Dean's List, Orientation Leader Graduate
- **Quanta International Math Olympiad (Fall 2016):** Secured a bronze trophy.
- **Quest International Biotechnology Conference (Summer 2015):** Secured a silver trophy.
- **Macfair International Math and Science Olympiad (Fall 2014):** Worked in a team of 2 to design a website on Disaster Management that won a bronze medal.
- **TRICKS National Robotics Competition IIT, Mumbai (Fall 2012):** Lead a 3-man team to engineer and program a robot that could perform on Martian surface.