

YUVRAJ TANEJA

🏠 Cupertino, CA, United States

📞 +1 (203) 536 4723

✉️ yuvrostan [at] gmail [dot] com

◇ Senior at Sacred Heart Preparatory

AWARDS

◇ NeurIPS Global Award **2024**

◇ President's Volunteer Service Award Gold Medal **2024**

◇ Melvin Jones International Humanitarian Services Award **2024**

◇ AP Scholar With Distinction **2025**

◇ National Merit Scholar **2024**

◇ Water Polo Academic All-American GPA Award **2022-25**

◇ Menlo Rotary Excellence in Computer Science Award **2024**

◇ Control and Innovate Award, NorCal Robotics **2023, 2024**

LEADERSHIP

◇ Youth President, Maji Wells '21-25

◇ Robotics Leadership **2024**

◇ Water Polo JV Team Captain **2024**

RECOGNIZED & FEATURED

◇ Changing Lives [Spring 24], Sacred Heart Magazine **2024**

◇ Presenter, MDCON23, Multi-District East Africa Conference **2023**

KNOWN LANGUAGES

C, C++, Python, Javascript, Java, HTML, CSS

EDUCATION

HIGH SCHOOL @ Sacred Heart Preparatory. **2022–Present**

◇ GPA: 4.12

◇ AP: Computer Science A, Physics 1, Calc BC, Micro/Macroeconomics, English Lang, Spanish Lang, Chem, Physics C, US Gov, English Lit

◇ Post-AP: Advanced Topics in Computer Science, Machine Learning Honors, Advanced Topics in Math Honors, Multivariable Calculus Honors

SOCIAL ENTREPRENEURSHIP @ UCLA **Summer 2025**

BEHAVIORAL ECONOMICS @ John Hopkins **Summer 2024**

PYTHON FOR ECONOMICS @ UCLA **Summer 2023**

REMOTE SENSING @ MIT Beaverworks **Spring 2024**

HARVARD GIS INSTITUTE @ Harvard **2025**

PROJECTS, VOLUNTEERING, & LEADERSHIP

INTERN @ HARVARD SPATIAL DATA LAB **2024-present**

◇ Working with Prof. Wang, used topology & flood data to select ideal location for a water reservoir across 500 sq. miles; Led assessment with Maasai

YOUTH PRESIDENT @ Maji Wells **2021–present**

◇ Reduced need to walk for water for 15,000 Maasai, doubled weekly income, fundraised over \$200K, deploying over 275 rainwater units

◇ Developed a machine learning-based satellite image classification model to identify living locations for placing units.

ROBOTICS LEADERSHIP @ Sacred Heart Preparatory **2024–2025**

◇ 1 of 3 Captains, distributed and managed a team of over 100 high schoolers on four different FTC teams. Robotics member for four years.

DUAL SPORT ATHLETE @ Sacred Heart Preparatory **2022–Present**

◇ 2x Varsity Swim, 2x WBAL Champions, Water Polo Junior Varsity Captain, 3x Water Polo All CCS Champions, 3x Water Polo All Norcal Champions, 3x USA Water Polo Junior Olympian.

PUBLICATIONS & ACADEMIC CONFERENCES

PATENTS PENDING ◇ No. 63/703,232 ◇ No. 19/346,990

PRESENTER: NEURIPS @ Vancouver, Canada **Winter 2024**

PRESENTER: MACHINE LEARNING 4 EARTH OBSERVATION CONFERENCE @ The University of Exeter, UK **Summer 2024**

PRESENTER: HARVARD GIS INSTITUTE **2025**

PRESENTER: AICC EURIPS **2025**

PUBLICATION: ASSESSING THE IMPACT OF RAINWATER HARVESTING ON 4500+ MAASAI [NHSJS] **2024**

PUBLICATION: OBJECT DETECTION IN SATELLITE IMAGERY FOR PLACEMENT OF RAINWATER UNITS, LOSIMINIGORI, TANZANIA [NHSJS] **2025**