

YUVRAJ TANEJA

- 🏡 Cupertino, CA, United States
- 📞 +1 (203) 536 4723
- ✉️ yuvrostan [at] gmail [dot] com
- ◊ Junior at Sacred Heart Preparatory

AWARDS

- ◊ President's Volunteer Service Award Gold Medal **2024**
- ◊ Melvin Jones International Humanitarian Services Award **2024**
- ◊ Water Polo Academic All-American **2022, 2023, 2024**
- ◊ Menlo Rotary Excellence in Computer Science Award **2024**
- ◊ Control and Innovate Award, NorCal Robotics **2023, 2024**

LEADERSHIP

- ◊ Youth President, Maji Wells, Outreach and Special Projects **2021-present**
- ◊ Robotics Leadership, Sacred Heart Preparatory **2024**
- ◊ Team Captain Junior Varsity, Sacred Heart Preparatory **2024**
- ◊ Team Lead, Robotics Club, Sacred Heart Preparatory **2022-present**

RECOGNIZED & FEATURED

- ◊ Presenter, NeurIPS **2024**
- ◊ Presenter, ML4EO **2024**
- ◊ Changing Lives [Sprint 24], Sacred Heart Magazine **2024**
- ◊ Presenter, MDCON24, Multi-District East Africa Conference **2023**

KNOWN LANGUAGES

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

EDUCATION

- HIGH SCHOOL @ *Sacred Heart Preparatory*. **2023-Present**
 - ◊ GPA: 4.14
 - ◊ AP: Computer Science A [5], Spanish Language [4], Physics 1, Calculus BC, Microeconomics, Macroeconomics, English Language and Composition
 - ◊ Post-AP: Advanced Topics in Computer Science, Machine Learning Honors
- BEHAVIORAL ECONOMICS @ *John Hopkins University* **Summer 2024**
- PYTHON FOR ECONOMICS @ *UCLA Summer Institute* **Summer 2023**
- REMOTE SENSING @ *MIT Beaverworks* **Spring 2024**
- HARVARD GIS INSTITUTE@ *Harvard* **2025**

PROJECTS, VOLUNTEERING, & LEADERSHIP

- YOUTH PRESIDENT, WATER PROGRAMS @ *Maji Wells* **2021-present**
 - ◊ Reduced need for women to walk for water from 9 hrs per day to 3 hrs/day by fundraising over \$100K and deploying 100 rainwater harvesting units over four years; Helps 4500+ Maasai in Monduli, TZ. Led a team of 10 students to conduct on-ground research published in NHSJS
 - ◊ Developed a machine learning-based satellite image classification model to identify living locations for 30,000 Maasai to plan the placement of the next 100 water harvesting units.
- ROBOTICS LEADERSHIP @ *Sacred Heart Preparatory* **2024-2025**
 - ◊ As 1 of 3 Captains, distributed and managed a team of over 100 high schoolers over four different FTC teams, as well as planning events for funding and team bonding.
- DUAL SPORT ATHLETE @ *Sacred Heart Preparatory* **2023-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

- PRESENTER: NEURIPS @ *Vancouver, Canada* **Winter 2024**
- PRESENTER: MACHINE LEARNING 4 EARTH OBSERVATION CONFERENCE @ *The University of Exeter, UK* **Summer 2024**
- PUBLICATION: ASSESSING THE IMPACT OF RAINWATER HARVESTING ON 4500+ MAASAI **2024**
 - ◊ Published in NHSJS
- PATENT PENDING, PUBLICATION: OBJECT DETECTION IN SATELLITE IMAGERY FOR PLACEMENT OF RAINWATER UNITS, LOSIMINIGORI, TANZANIA **2024**
 - ◊ Patent Pending, Peer Review in NHSJS, NeurIPS
- PRESENTER: MDCON23, MULTI-DISTRICT EAST AFRICA CONF. @ *Lions International, Tanzania* **2023**
 - ◊ Audience of 600 intl. Members from across East Africa