Roshni Vakil

Dublin High School Engineering Student

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ACADEMIC ACHIEVEMENTS

Engineering Academy, Dublin High

MARCH 2017 - PRESENT

Was selected, along with 25 other students, to be part of Dublin High School's Engineering Academy 2020 Cohort for Computer Science

Notable Classes, Dublin High

AUGUST 2017 - PRESENT

Freshman Year: PLTW Computer Science/Software Engineering, Trig/Precalculus, Advanced English 1

Sophomore Year: PLTW Principles of Engineering, AP Statistics, Honors Chemistry, Advanced English 2

Cumulative High School GPA: 4.0

Principal's Honor Roll: Fall and Spring 2016-2017

Colleges of Interest: UC Berkeley, Carnegie Mellon, Stanford

Program of Study: Computer Software Engineering

CLUBS/EXTRACURRICULAR ACTIVITIES

Gael Force Robotics, Dublin High

SEPTEMBER 2017 - PRESENT
- Freshman Year: Team 5327A (Development Team)
    - Placed 24th out of 36 Teams at State Championships
- Sophomore Year: Began in 5327D (Development Team) but transferred over to 5327C after a month long internship. As an official member of 5327C:
    - Won the Regionals Excellence Award at Bellarmine College Preparatory

Member of U.S. Figure Skating Dublin Silver Stars Synchro Purple Team, Dublin Iceland

AUGUST 2017 - PRESENT

SKILLS

Proficient in Spanish, Proficient in Programming Languages: HTML & CSS, Python, Javascript, Command Line

AWARDS

2017 Alameda County Science Fair
- Designed a device that effectively filtered acid rain
    - Goal was to prove that acid rain can be a useful water source if properly and efficiently neutralized
- Received 3rd place for the high school section, category MENG (Mechanical Engineering and Instruments)

Placed Third for our Water Alarm in One of Our Engineering Classes and Advanced to Participate in the 2017 DHS Entrepreneurship Competition Showcase
- Designed and programmed an arduino that was able to recognize a water faucet being on for an extensive period of time and make loud noises to alert anyone in the vicinity of the wastage