

Ronak Manish Shah
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EDUCATION

Westview High School – Currently a 10th grader at Westview High School with a 4.0 GPA

COSMOS UCI Irvine – Spent 4 weeks at a highly competitive program learning about the use of sound in mobile devices from Professor Dr. Martin Jaroszewicz

PROGRAMMING BACKGROUND

Experience

Programming Club President, Mesa Verde Middle School

- **Oct 2013 - May 2014** Founded Programming Club to teach other students computer programming in various languages (C++, HTML/CSS, JavaScript, Java)
- **Oct 2014 - present** Continue to mentor and guide the current members in the club. Additional role of Head of Executive Board, Treasurer

Westview Robotics Systems Control Member

- **Sep 2014 - June 2015.** Programmer for FRC (FIRST Robotics Competition) Robot.

Westview Robotics Computer Vision Member

- **Sep 2015 – present.** Lead programmer for Computer Vision A Group

Volunteering

Hour of Code

- **Sunset Hills Elementary** – Volunteered in the Hour of Code event at the school to teach basic computer science concepts to elementary school kids and parents (2014 and 2015)
- **Sundance Elementary** – Taught 1st grader basic computer science concepts
- **Mesa Verde Middle School** – With Programming Club, taught grades 6-8 advanced programming concepts

Awards

CodeDay San Diego, May 2014 - My team won best project overall, competing against teams from high school and college

CodeDay San Diego, Nov 2015 – My project “Swift Planner” earned best app, against high school and college level teams

Coursework

AP Computer Science, Study of OOP principles (design and programming) and Data Structures using Java as the programming language for coding all projects

Skills

HTML/CSS/JS - Self-taught

JAVA - Learned through taking AP Computer Science, intermediate knowledge of OOP

C++ - Learnt through Robotics, write C++ applications for industrial grade robots

Swift – Learnt through COSMOS UCI, able to write iOS Applications with ease
Arduino – Learnt through Robotics and online tutorials