

# Ronak Shah

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## EXPERIENCE

### MVMS PC, San Diego — *President, Founder*

OCT 2013 - PRESENT

Founded Programming Club at Mesa Verde Middle School to teach students programming in various languages.

### Westview Robotics, San Diego — *Systems Control Lead*

SEPT 2014 - JUNE 2015

Lead Programmer for FRC (FIRST Robotics Competition) robot's IR Sensor Bar, used C++ and Arduino

### Westview Robotics, San Diego — *Computer Vision Lead*

SEPT 2015 - PRESENT

Lead Programmer for target detection in FRC, used OpenCV, C++, and a Raspberry Pi

## EDUCATION

### Westview High School, San Diego — *High School Diploma*

AUGUST 2014 - CURRENT

### COSMOS UC Irvine, Irvine

JULY 2015

Studied Advanced Sound Analysis and its Use in Mobile Technology

## COURSEWORK

### AP Computer Science — *Data Structures*

Study of Object-Oriented Design and Implementation

Study of Advanced Data Structures

## SKILLS

Swift	Proficient
Java	Medium
C++	Medium
Unix Terminal	Medium
HTML/CSS/JS	Basic
Arduino	Basic

## AWARDS

**Best App, CodeDay** - My app Swift Planner took best app among high school and college students

## PROJECTS

### Swift Planner — *iOS App*

530+ Downloads, 41 Countries

[apple.co/1QHdw4](https://apple.co/1QHdw4)

## VOLUNTEERING

### Hour of Code

#### *Sunset Hills Elementary*

Taught Basic Computer Science to Elementary School Students

#### *Sundance Elementary*

Taught classes of first graders an overview of programming concepts using Scratch

