

# Keshav Rungta

<http://keshavr.me>  
krungta@ucsd.edu | (+1) 858.729.4125 / (+91) 801.739.3608

## EDUCATION

### UNIVERSITY OF CALIFORNIA, SAN DIEGO

BS IN ELECTRICAL ENGINEERING  
Expected June 2020 | San Diego, CA  
Jacobs School of Engineering  
Cum. GPA: 3.981 / 4.0  
Major GPA: 3.981 / 4.0

### LA MARTINIERE FOR BOYS

Grad. May 2016 | Kolkata, India

## LINKS

LinkedIn:// **Keshav Rungta**  
Github:// **Keshav919**

## COURSEWORK

### UNDERGRADUATE

- Components and Circuits Lab
- Intro to Analog Design
- Vector Calculus, Differential Equations + Linear Algebra
- Intro to Digital Design
- Mechanics + Electricity and Magnetism + Fluids, Thermodynamics, Optics
- Intro to Computer Science & OOP: Java

## SKILLS

### PROGRAMMING

Over 3000 lines:

Java

Over 500 lines:

C • HTML • CSS • C# • Python

Familiar:

C++ • JavaScript

### LANGUAGES

English • Hindi • Bengali

### SPORTS

Golf • TableTennis • Karate

### MISCELLANEOUS

Agile Software Development • Arduino  
Soldering • SolidWorks • Unity  
EagleCAD • MATLAB

## EXPERIENCE

### UCSDVR CLUB | SENIOR PROGRAMMER IN TEAM LUCID DREAMS OF PHILLIP AISLING - VR GAME TO TEACH PLAYERS LUCID DREAMING

Jan 2017 – Sept 2017 | San Diego, CA

- Worked on the Character Control and Environment team to help make game on Lucid Dreaming for the Google Daydream
- Used Unity and C# to design and develop the character movements, UI, scene management and character interaction

### VRTRACKING | CO-DEVELOPER

#### MOVE IN VR ENVIRONMENT WITHOUT EXTERNAL CAMERAS OR SENSORS

Jan 2017 | San Diego, CA

- Created tracking system that converted accelerometer data from phone to map position in VR environment
- Worked on data handling by finding way to convert acceleration to position
- Project placed 1st in UCSD Hack Day

### ECE TUTORING | UNDERGRADUATE TUTOR ECE 5

#### CLASS SHOWCASES VARIOUS SPHERES OF EE: CONTROLS, DSP, CAD, COMMUNICATION, ETC

January 2018 - Present | San Diego, CA

- Worked in the makerstudio to help students with course work and lab work
- In charge of Advanced Programming and Simulink workshops

### IEEE - MICROMOUSE | TEAM MEMBER

#### CAR WILL FIND QUICKEST ROUTE TO CENTER OF ANY MAZE

October 2017 - Present | San Diego, CA

- Made the schematics for the mouse and designed the circuitry using EagleCAD.

### PARK CLEAN-UP | Co-FOUNDER

#### CLUB OF VOLUNTEERS CLEANED UP ONE OF THE BIGGEST PARKS IN CITY

April 2015 – June 2015 | Kolkata, India

- Rallied 40 students and joggers to cause
- Event grew to a city wide endeavour with help from Telegraph (<http://tinyurl.com/q2nlgzk>)

## AWARDS

2017 1st UCSD Hack Day

## ORGANISATIONS

2017	Eta Kappa Nu (HKN)   Kappa Psi	Student Member
2017	IEEE	Staff Member