

Keshav Rungta

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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 MARTINIÈRE 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 10,000 lines:

Java

Over 1,000 lines:

C • HTML • CSS • C#

Familiar:

C++ • JavaScript • Python

LANGUAGES

English • Hindi • Bengali

SPORTS

Golf • Table Tennis • Karate

MISCELLANEOUS

Agile Software Development • Arduino
Soldering • Altium Designer
SolidWorks • Unity • EagleCAD
MATLAB • Oscilloscope
Function Generator • OrCAD Capture

EXPERIENCE

IEEE - MICROMOUSE | TEAM MEMBER

CAR WILL FIND QUICKEST ROUTE TO CENTER OF ANY 12' X 12' MAZE

October 2017 - Present | San Diego, CA

- Made schematics for the mouse
- Designed PCB using Altium
- Designed and 3D printed mechanical components of the mouse using Solidworks

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 Character Control and Environment teams to make game for Google Daydream
- Used Unity and C# to design and develop character movement, UI, scene management and object 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 - finding way to convert acceleration data to position data
- 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 maker-studio 10 - 15 hours weekly to help students with course work and lab work
- In charge of Advanced Programming and Simulink workshops
- Helped improve the course to reduce lab fee

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