INFO

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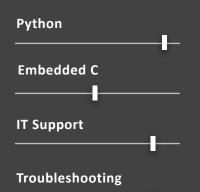
SOCIAL

YouTube
https://www.youtube.com/user/TheRAZSOR

Linkedin
linkedin.com/in/rajiv-iyer-1b16ba1b0

SKILLS

Python

Embedded C

IT Support

Troubleshooting

Design Thinking

LANGUAGES

English

Hindi

Tamil

ABOUT ME

A software professional and part-time violinist with a background in Electronics and Telecommunications who grew up around technology and music. My curiosity, knack for anything digital and creating new things make me ready for any opportunity involving R&D, problem solving, development and communication. In an ever changing world, I believe in growth through learning, unlearning and relearning.

PROJECTS & INITIATIVES

Smart Parking using Machine Learning: To solve the problem of parking space in commercial complexes or housing societies, our team implemented License Plate Detection and Median analysis using the Python language to conveniently allocate parking spaces to intended candidates and transmitted information using Firebase. This helped us learn about Image Recognition using model training, testing and various algorithms/libraries that powered the computational part of this project.

RF Jammer: Successfully implemented this project using electronic principles of Oscillators, Tank Circuit, Noise Generator and Amplifier to jam radio frequencies. This has potential applications across defence and education.

Gaming Rig: Assembled and personalised a high-end custom gaming pc through component research, stakeholder negotiation and troubleshooting.

Other initiatives powered by IOT and other electronic technologies: An Obstacle Avoiding Bot using Arduino, 8-people Quiz Buzzer System, AC to DC voltage converter/Eliminator.

Hangman: My own work in progress game inspired by the famous word-puzzle classic powered by Python's native gaming library PyGame.

EDUCATION

SIES Dr. APJ Abdul Kalam Memorial High School/Old Name: NMWS High School (2013)

SIES College of Arts, Science and Commerce (2013-2015)

SIES Graduate School of Technology (2015-Present)

INTERESTS

Violinist

Gaming

Coding & Building

DIY Kits

Reading

AWARDS & CERTIFICATIONS

○ **Google IT Support** certified professional

○ **Python** certified professional

○ **2nd place** in **Project Presentation** Competition conducted by **IEEE**

○ Certified in **Arduino, Mbed** and **PSOC** by **Microchip Technology, Cypress Semiconductors** and **ARM University.**

○ **Three time winner** of the **Best Violinist** award for **The Music Gurukul** and part time instructor at two major institutes

○ **Winner** of the **Best Cosplay** award in **2016** and **2020.**