Varun
S Rao

📋 28 September 1994

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Education

Masters in Computer Science, | University of Texas at Arlington, Arlington, TX , August 2018-Current

Bachelor of Engineering, Computer Science | Dayananda Sagar College of Engineering, INDIA-KA, August 2012-June 2016

Skills

Languages: Python, Java, MySQL, C++, C
WebDev : HTML, CSS, JS, PHP
Other: SCAPY, MS Office, Git, XML, JSON
OS: Windows, Linux

Extra-Curricular

Member of Toastmasters International (Wordly Wise Toastmasters Club)

Member of E-Cell of Dayananda Sagar College of Engineering

Student Head of CSR division in College

MC in departmental and college events

Work Experience and Internships

Jul16-Jun18	R&D Engineer	NOKIA,Bengaluru

Built solutions to automate manual tasks required to operate DUT(Device under test), android phones, network traffic related devices, and tasks related to transport component of BTS tower.

Contributed to multiple frameworks related to test automation using ROBOT frameworks.

Worked on automating the configuration web page which was used to authenticate, configure, and manage Nokia telecommunication devices using python-selenium.

Worked on building a client-server based packet generator using python's library SCAPY.

Wrote python script to generate TWAMP application layer protocol packet

Automated android mobile operations using ADB and python.

Wrote parsers in python to scan for ROBOT Framework variables in text, json, xml files and replace them with with their respective values.

Python script to extract details from network packets and analyse them.

Projects

Aug-Dec'18	Client and Server Application

Client and Server applications in python to learn multithreading, Client Server Model, and Distributed Systems.

Aug-Dec'18	Pet Store

Responsive commercial web page for a Pet Store using HTML, CSS, JavaScript, PHP and MySQL.

Aug-Dec'16	Self navigating Unmanned Aerial Vehicle

Built for disaster management and commercial purpose using Java, android and Raspberry pi.

Aug-Dec'14	Video annotation

Finding abnormalities in live video using video annotation.

Achievements

Dec'17	Nokia Signature Code

Nominated for NOKIA's signature code . Credited for coding style and also for adhering code standards in Nokia.

'17-'18	Toastmasters International

Won multiple awards in Nokia's wordly wise toastmasters.
Was Seargent At Arms in Nokia's wordly wise toastmasters and at an Area level contest.