

Ritvik Iyer

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Education

Year	Degree	Institute	Performance
2017	B.Tech. in Computer Science and Engineering	Vellore Institute of Technology, Vellore	8.9/10
2013	12 th Grade	The Army Public School, Pune	86.4/100
2011	10 th Grade (Honor student)	John Bowne High School, New York	96.6/100

Professional Experience

Network Consulting Engineer, <i>Cisco Systems</i> (July 2017 – April 2020)	<ul style="list-style-type: none">Designing, Implementing and Troubleshooting customer networksExtensively worked on Software Defined NetworkingCollaborated in developing an automated assessment tool for interviews
Networking Intern, <i>Cisco Systems</i> (January 2017 - June 2017)	<ul style="list-style-type: none">Devised a Port Mapping Automation script for network migrationsAssisted in building and maintaining the local datacenter labWorked on automation scripts for device configurations
Summer Intern, <i>Hewlett-Packard</i> (Summer 2015)	<ul style="list-style-type: none">Interned with Database administration team at client site Bank of IndiaTrained in RDBMS and Procedural languageLearnt how to build and manage customer database systems

Journal Publications

Ritvik Iyer and Antara Sharma. “**IoT based Home Automation System with Pattern Recognition**”.
International Journal of Recent Technology and Engineering, Volume-8, Issue-2, pp. 3925-3929, July 2019.

Projects

Fantasy Premier League prediction using ML	<ul style="list-style-type: none">Gather, prepare and process all data using python (pandas, NumPy)Build and train different supervised learning models for comparisonUse Linear Programming to find an optimal team
Application Centric Infrastructure Diagnostic Tool	<ul style="list-style-type: none">Developed a tool using python to query ACI's Management Information Tree using APIs and find any anomaly in its configuration
IoT Based Home Automation System with Pattern Recognition	<ul style="list-style-type: none">Programming on Arduino, interfaced with various sensorsIntegration with ESP8266 wi-fi module for remote accessibilityPattern analysis based on if-else logic

Certifications and Recognitions

- Cisco Certified Network Professional – R&S
- ITIL Foundation Certificate in IT Service Mgmt.
- Certificate of Appreciation (Cisco) – Outstanding performance and contribution in Q3FY19
- Certificate of Excellence (Cisco) – Early in Career Leader

Extra-Curricular

- Founding Member of John Bowne High School Cricket team
- Core member of VIT Animation Club
- Volunteer for Inter NGO Sports meet, Pune
- Organizer for Panorama2K15 workshop, VIT
- Co-trainer for ACI advanced bootcamp, Cisco

Technical Skills

Proficient: Networking technologies, Python, C++, C#, HTML, CSS, Unity 3D

Familiar: PHP, C, SQL, Assembly Language, MATLAB, Git, Arduino, JavaScript, PL/SQL