

**EMPLOYMENT**

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<b>Software Engineer Intern</b>	<b>VT iDirect, Herndon, VA</b>	<b>May'17 - Present</b>
Sustenance Engineering Team		
<ul style="list-style-type: none"><li>Developed tool for health check of Protocol Processor cluster</li><li>Developed tool for adding new Satellite Terminal information.</li><li>Triage and fix customer escalation issues.</li></ul>		
<b>Software Engineer</b>	<b>Juniper Networks, India</b>	<b>Jul'14 – Jul'16</b>
Management Plane Team - Juniper OS		
<ul style="list-style-type: none"><li>Developed CLI commands for Juniper management interface.</li><li>Developed an auditing module for RADIUS accounting.</li><li>Developed a tool to convert Juniper DSL into XML</li></ul>		
<b>Software Engineer Intern</b>	<b>Juniper Networks, India</b>	<b>Jan'14 – Jun'14</b>
Management Plane Team - Juniper OS		
<ul style="list-style-type: none"><li>Integrated and ported Juniper auditing modules.</li></ul>		

**EDUCATION**

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<b>MS Computer Science</b>	<b>North Carolina State University</b>	<b>3.67</b>	<b>Aug'16 – May'18</b>
Coursework: Parallel Systems, Compilers, DevOps, Advance Internet Protocol, Cloud Computing, Object Oriented Design and Development, Database Systems, Algorithms, Operating Systems			
<b>BS Computer Science</b>	<b>M.S. Ramaiah Institute of Technology, India</b>	<b>8.42</b>	<b>Aug'10 – Jun'14</b>

**TECHNICAL EXPERIENCE**

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**Projects**

- Python-SDK for tago.io, open source contribution, 2017
- SDN Overlay network with Apache VCL and Open vSwitch, 2017
- QoS for Streaming Videos: Improving video quality by prioritizing I-MPEG video packets over RTP, 2016

**Publications**

- CUDA friend recommender system for social network, ERCICA, Elsevier, 2013
- Game theoretic resource allocation in cloud computing, ICADIWT, IEEE, 2014
- Microsense: Sensor Framework for IoT System-on-Chip, IJHCR, IGI-Global, 2016

**LANGUAGES | TECHNOLOGIES**

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- C, C++, Python, Ruby, SQL, CUDA C/C++
- Rails, Git, Unix/Linux, TCP/IP, RADIUS, Socket Programming, Open vSwitch, KVM, GlusterFs

**ACHIEVEMENTS | ACTIVITIES**

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- Nokia Do Good Hackathon**, Finalist, Bangalore, 2013
- ACM ICPC** Amritapuri-Asia onsite Regionals, 2012 & 2013
- TEDxMSRIT, Co-organizer**, MSRIT
- VRGLinug** – Linux User's Group – MSRIT, Mentor