Software Developer Engineer Software Developer Engineer Software Developer Engineer - Cisco Sytems, Inc Austin, TX   Curious engineer with 5+ years of real time experience in Software Development life cycle from Designing, Development, Sustaining, enhancement and automation testing of software systems.   3 years of hands on experience in product development in Cyber Security space, working on various components such as Snort and SSL for Cisco's Next generation firewall devices.   Exposure to python automation including PyATS with KICK distribution framework and DOCKERS.   Extensive experience working in an Agile development environment. Work Experience Software Developer Engineer Cisco Sytems, Inc - Austin, TX August 2018 to Present C++11, Python, OpenDash, Flask, Plotly, Sqllite)   Working on SSL support for snort3 IPS in cisco's Firepower Threat defense.   Worked on Hackathon project for collecting TLS telemetry stats such as Version, Ciphers, Certificates, TLS extensions for current top 1 billion sites taken from Majestic million using Open Dash web pure python framework and using Plotly - opensource graphing library with Sqllite DB.   Working on Dynamic Memory Resizing for SSL proxy module in Snort. Implementation of Memory manager and hooking it up with SSL code. Software Developer Engineer Cisco Systems, Inc - San Jose, CA January 2016 to August 2018 C, Python, UNIX, KICK framework, Dockers)   Worked on development of GTP anti spoofing feature for ASA devices which is targeted for service providers.   Worked as a lab admin/Reproducing Engineer in our scrum team to setup topology for engineers to deploy/test their features in real time and I'm also responsible to maintain all the devices for my team.   Worked on AAA IPv6 support for LDAP and TACACS+ protocols for Facebook on Adaptive Security Appliance (ASA) Platform.   Worked as Performance Test engineer for High Availability piece for ASA Site to Site VPN Clustering to scale VPN beyond the performance of a single device by leveraging the cluster infrastructure targeted for Service providers.   Worked on automation infrastructure for High availability piece for various security features in pyATS with KICK distribution framework and Dockers for Security Gateway project. Software Developer Intern OPSWAT - West - Kansas City, MO October 2015 to December 2015 C++11, Multi-threading and TCP/IP socket programming) OPSWAT GEARS   Development of OPSWAT Cloud based platform gears for Device Security Management, Advanced threat Detection,

Robust Compliance monitoring and Remediation capabilities. Developing design Solutions, envisioning, planning and deployment. SDK integration and client side application programming in C++11. Assisting product analyst team in troubleshooting issues and meeting targets. Software Developer HCL Technologies - Chennai, Tamil Nadu June 2011 to August 2014 C, Data Structures, TCP/IP socket programming) OBFL PROJECT Worked as sustenance engineer of OBFL infrastructure and framework, Reproducing and fixing bugs of Multi-threaded applications such as Temperature, Voltage, Poe, Uptime, and Error messages. Implementing OBFL related CLI's for retrieving/displaying the relevant data to login user. Education Master of Science in Computer Science University of Missouri - Kansas City, MO December 2015 Electronics and Computers Engineering Koneru Lakshmaiah College of Engineering May 2011 Skills PYTHON (3 years), SECURITY (2 years), APACHE HBASE (Less than 1 year), ARGUS (Less than 1 year), CYBER SECURITY (Less than 1 year) Additional Information TECHNICAL SKILLS Languages: C/C++11, Go Lang (learning) Scripting: Python, PyATS framework, Dockers, KICK Framework Tools: Git, Flask, OpenDash, Aircrack-ng, Kisnet, Nessus, Argus, Nexpose Debugging Tools: gdb debugging in Linux machines Areas of Interest: Cyber Security, Big Data Big Data Tools: Hive, Pig, Hbase and MongoDB

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