IT Security Analyst IT Security Analyst Looking for full time opportunities in feild of cloud, network and security Boston, MA Actively seeking full-time opportunities in the field of Cloud, Network, and Security.   A dynamic professional looking to apply diverse, cutting edge Network and Cloud technology knowledge with visionary leadership to the planning, design, development, implementation and technical support of multi-platform, multi-system Cloud networks with security. Excellent communication and interpersonal skills, and leadership quality with the ability to work efficiently in both independent and teamwork environments.   Major strengths are familiarity with multiple software systems, ability to learn quickly new technologies adapt to new environments, self-motivated, team player, focused, adaptive and quick learner with Excellent Interpersonal, Technical and Communication Skills. Authorized to work in the US for any employer Work Experience IT Security Analyst OCD Tech - Boston, MA July 2019 to Present Application Processing Extern-Student Worker Temple University - Philadelphia, PA August 2018 to May 2019 Using Excel performs analysis and evaluate transcript   Using Windows CRM for graduate admissions and also conducting audits on it   Designing workflow for various audits carried out on CRM Applications Engineer Intern Efore - Stroudsburg, PA May 2018 to August 2018   Along with marketing, test competitive products to maintain a pulse on the industry   Support the customer for particular testing needed for specific application   Identify with Customer and following up with Engineering any eventual customization needed on base product   Support for preparation of Product Documentation (Datasheet, Application note, Sales technical training materials, operation manuals)   First level technical support to screen and identify failure due to application or from intrinsic device issues   Represent first level customer interface and technical support for post sales technical issues with power supply installed base in North America for concerned customers Manage assigned customers quality issues and ensure they are resolved in an efficient & timely manner together with the support of Quality dept and Engineering in Italy when needed Technical Support Engineer - Student worker Temple University - Philadelphia, PA January 2018 to May 2018 Performed system troubleshooting and technical support to faculty and students of Kornberg school   Efficiently trained associates on network connections, troubleshooting system errors and setting

up WebEx and Class Captures(Echo 360) for distance learning programs   Worked with ConnectWise ticketing system that monitored client service tickets   Provided help desk support in solving IP connectivity problems of computer and network systems   Assisted in user management through Active Directory Network and Security Engineer Intern Hathway Cable and Datacom - Mumbai, Maharashtra January 2016 to August 2016   Configuring/Troubleshooting InterVLAN routing, Port securities, VTP, RSTP, STP, OSPF, EIGRP   Checking connectivity from PC to L2 switches, L3 Switches to Core switches and Routers   Review network hardware and software for proper operation, resolving network and user-related issues   Troubleshoot day to day issues related to routers, switches, access points and firewalls   Continuous monitoring & troubleshooting of LAN/WAN Network problems   IDS alert monitoring and participate in Security Assessments of networks, systems and applications   Perceived security audits from logical/theoretical standpoint and a technical/hands-on standpoint Education Master's in Electrical and Computer Engineering Temple University - Philadelphia, PA August 2017 to May 2019 Bachelor's in Electronics and Telecommunication University of Mumbai - Mumbai, India August 2014 to May 2017 Diploma in Electronics and Telecommunication Thakur Polytechnic - Mumbai, Maharashtra August 2011 to May 2014 Skills Python (4 years), Matlab (4 years), Verilog (1 year), MIPS (1 year), Assembly language programming (4 years), AWS (1 year), Microsoft Office (8 years), Cisco packet tracer (Less than 1 year), Linux (1 year), Arduino (1 year), Raspberry pi (Less than 1 year), TCP/IP (2 years), C (Less than 1 year), C++ (2 years), Networking (5 years), Quality Assurance (Less than 1 year), Switch, Azure (Less than 1 year), Ubuntu (1 year), Visual Studio Code (3 years), CRM (Less than 1 year), Cloud Computing (1 year), Embedded Systems (4 years), Bash (2 years), Github (5 years), OpenSSL (2 years), Tracert (3 years), Nslookup (1 year), Maltego (Less than 1 year), Splunk (Less than 1 year), Active Directory, Tech Support, Helpdesk Support Certifications/Licenses Programming Data Strucures and Algorithm January 2016 to Present NPTEL certified License: NPTEL16CS062038010 AWS Solutions Architect Associate June 2018 to Present CompTIA Network+ September 2018 to Present AWS Certified SysOps Administrater-Associate July 2018 to Present Databases and SQL July 2019 to Present Linux Server Management and Security June

2019 to Present Assessments Technical Support Expert March 2019 Measures a candidate's ability to apply protocols to identify errors and solutions in order to maintain system function. Full results: https://share.indeedassessments.com/share_assignment/83ikvwpruxvsvq-c Email Proficient July 2019 Measures a candidate s ability to effectively compose and organize email messages. Full results: https://share.indeedassessments.com/share_assignment/byl3uakekuaehcgv Indeed Assessments provides skills tests that are not indicative of a license or certification, or continued development in any professional field. Groups National Service Scheme August 2011 to May 2013 Volunteered for public awareness for importance of saving fuel Volunteered in Tree plantation drive Conducted free-medical check-up for poor children Additional Information Projects: Exploiting Windows & Linux using VirtualBox Jan 2019 Mar 2019 Project description Created local NAT in VirtualBox for attacker(Linux) machine to be able to connect with victim (Windows 10, Metaslpoitable Linux) machines   Gathering information, vulnerabilities of victim machines using nmap, netdiscover   Created reverse_tcp payload using Metasploit, MSFVENOM and encoded it using SHIKATA_GA_NAI and Veil encoder   Created website using Apache webserver, victim machines access this website, downloads and runs the payload   WAP Cracking using aircrack Feb 2019 Mar 2019   Project descriptionCaptured handshake data between client and AP by generating some traffic using aireplay while deauthenticating a client   Created a wordlist using crunch, imported wordlist into database   Imported target ESSID to database, computed PMK from wordlist and tried to brute force handshake database   AWS based scalable IP camera network Oct 2018 Dec 2018 Project description   Designed prototype for IP camera network using AWS Architecture supports scalability for any number of camera requests and user requests   Blockchain based digital transaction Oct 2018   Dec 2018 Project description   A peer-to-peer, simple implementation of blockchain based transaction using python.   It contains Miner and Wallet. Miner is most important in this setup for connecting blockchain and processing transaction, running it will create a node (like a server)   Used Multiprocessing for running 2 process in parallel, first process is for mining, updating blockchain and proof-of-work, second process is for Flask server where peer nodes and users can connect   Wallet is used for generating new address using

ECDSA algorithm, send money to another wallet and check transaction history.   Transaction is authenticated by signature using timestamp and private key   Attack on S-AES using Python Oct 2018   Nov 2018 Project description Designed python code for differential cryptanalysis attack on 1-round S-AES   Galois Field Calculator using Python Oct 2018   Nov 2018 Project description Designed calculator for Galois Field(2^m) using Python   It can compute all the mathematical operations including matrix and multiplicative inverse   Letter frequency attack on ciphertext using Python   Aug 2018   Sep 2018 Project description   Designed python code for letter frequency attack(Brute Force) on ciphertext without human intervention   Ciphertext is encrypted using Caesar cipher technique   Program accepts every symbol and character with the ability of encrypting it   RESTful Website Aug 2018   Sep 2018 Project description   Designed RESTful website using python and flask with the ability of HTTP GET and HTTP POST request   Successfully took down this website by DDoS attack using HTTP flooding technique   Single-cycled 32-bit Processor Oct 2017   Dec 2017 Project description Designed a single-cycled 32-bit MIPS processor, using Xilinx ISE software. The processor was able to execute load, store, branch, jump, R-type(addition, subtraction, division, multiplication and logical operation of And, Or, NOR) instructions. This processor was designed using Verilog design method. Test bench was also coded in Verilog to test the functionality of this design.   Linear Equation Calculator using MIPS Aug 2017   Sep 2017 Project description Designed and implemented linear equation calculator using MIPS Assembly language programming. This calculator represents the Matlab command window. If the algebraic equation entered by the user is incorrect the calculator displays 'Invalid operation!' It handles equation which contains upto 4 operators and operands of upto 5 digits.   Retina Controlled Wheelchair Using Arduino Jan 2017   May 2017 Project description Designed a wheelchair that uses only retina to control the moment of it, with collectively working in a team of four. Developed Python code for image acquisition, image processing, image analyzing and motor controlling. Infrared sensors was used in this project to determine any obstacles in its way.   RFID based Home Security System Jan 2014   May 2014 Project description The most easiest way to access the lock of house, with the portable RFID tag only authorised users have acces to it. Developed C++ code to

access the RFID reader and also for the 16x2 LCD display. Developed schematic diagram of circuit, which can run only on 12V battery. Being the team leader of this project, divided the task appropriately and monitored the progress.

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