

Vasantha Peddinti

vasanthabhanu94@gmail.com • (716)-602-5770 • www.linkedin.com/in/vasantha-peddinti
<https://github.com/vasanthapeddinti>

San Jose CA 95112

SUMMARY

Quality-driven Software Engineer in Test, bringing in 2 years of industry experience, looking to transition to entry level software developer positions. Strong problem solver, skilled with data structures, algorithms and object-oriented concepts

EDUCATION

Master of Science, Electrical Engineering
Signals, Communications and Networking
University at Buffalo

September 2018

Bachelor of Technology, Electronics and Communication Engineering
Jawaharlal Nehru Technological University, Kakinada, India

June 2015

WORK EXPERIENCE

Software Engineer in Test, Palo Alto Networks

May 2019 - Present

- Automated features in Private and Public Clouds in Python using tools like Jenkins, Bitbucket, Terraform and Git
- Developed various tools using Python for the team which saved 20% of team's time per week and helped in cost cutting of budgets for public clouds

Graduate Research Assistant, University at Buffalo

June 2017 – September 2018

- Worked on improving the security of WLAN protocol, a physical layer device identification/fingerprinting technique for Wi-Fi to generate an authentication code for every wireless device using unique device dependent hardware characteristics and propagation channel

PROJECTS

DHCP Simulator

Python, Ubuntu

- Implemented DHCP - Discover, Offer, Request, Acknowledgement process

Packet Sniffer

C, Ubuntu

- Implemented packet sniffer, unpacking TCP/IP packets using libpcap library

TECHNICAL SKILLS

- Networking Protocols:** DHCP, HTTP, FTP, TCP/IP, UDP, IPv4, ICMP, DNS, ARP
- Programming Languages:** Python, C
- OS:** Ubuntu, Mac OS