Hemanth Kumar Punnium

190, Ryland Street, #4124, San Jose, CA 95110 | 408-455-5744 | **hemanthkumar25@gmail.com**

Objective

Seeking an internship position in networking field that provides me with an opportunity to enhance my technical skills.

Education

Master of Science in Electrical Engineering   Aug 2014 – May 2016
- **San Jose State University, San Jose, CA**   (Expected)
  - **Completed Courses:** Internetworking, Linear System Theory, Principles of Semiconductor devices.
  - **Completed Courses:** Broadband communication Networking, Network Programming, Probability, Random Variables and Stochastic Processes

Bachelor of Engineering in Electrical and Electronics   Aug 2007 – Apr 2011
- Anna University, Chennai, India
- GPA – 3.4

Experience

Test, Quality and Performance Engineer   Oct 2011 – Jun 2014
Tata Consultancy Services Limited, Chennai, India
- Provided quick workarounds to bugs or defects reported by clients and won customer appreciation from clients like London Clearing House, Maroclear, Kuwait Clearing Company & NASDAQ Dubai for my analytical and problem-solving skills.
- Was involved in testing of the product across eight countries and five versions of the software.
- Was involved with the product management team in gathering business requirement and prepared high-level design documents for Central Bank of Kuwait.
- *Achievement*: Won Star of the month award twice for successfully delivering our product with minimum defects to Central Bank of Bangladesh and working for three teams simultaneously.
- Won best trainee award for quickly understanding the product's capabilities and was involved in customer education of product features.

Technical Skills

- **Operating System:** Microsoft Windows, Linux
- **Tools:** GNS3, Wireshark, NetTools, GIT
- **Programming Languages:** C, SQL, Java, Python, PHP, HTML.
- **Protocols:** RIP,OSPF,HTTP,TCP,ARP,UDP,BGP,VLAN,LAN,802.11,Ethernet,IPV4,IPV6,DNS,DHCP,NAT.
- Preparing for **CCNA.**

Projects

Graduate Projects   (Oct 2014)

Denial of Service Attack and Mitigation:
  - Simulate a SYN flood attack using GNS3 and Wireshark.
  - Studying about various ways in which an attack can be prevented.
  - In this project, we achieved this by configuring the CISCO ASA firewall.

Image sharing system:
- Built an image sharing system, where a user can upload their images and store them.   (Feb 2011)
- Images can be shared with users in the same website or other partnered sites. This is achieved using inter-domain communication.
- Users can also have private images stored, where only the user can view them.
- For live demo please visit – www.hemanth-kumar.com