

Mohammad Abu Al Jinnah

Phone: (469)789-6717, Email: mxaljinnah@ualr.edu
313 Nottingham Road, Little Rock, Arkansas 72205, United States

Date: 02/11/15

Subject: Looking for internship opportunity.

Dear Hiring Manager,

I am writing this letter to express my interest for internship opportunity in your organization. I am a graduate of Electrical and Electronic engineering department from Bangladesh University of Engineering and Technology. Since my undergraduate life, my research and academic work is focused on the field of Information and Communication Technology. My undergrad thesis was in the area of Speech signal processing and recognition. Right now I am in the second semester towards the degree of MS in Computer Science at UALR. I have gained valuable academic and research experience during this time and I have found that my future professional goals coincide with the internship offerings of your organization. I have near two years of experience working in challenging area of IT system administration. I have performed both technical and daily official responsibilities which includes project management, Linux/UNIX based IT infrastructure design, installation, configuration and maintenance. I also have experience of extensive data analysis on Computer systems and networks. In my most recent semester, I have successfully completed a number of projects such as moving object detection and recognition in image processing, big data analysis and sentiment detection in Artificial intelligence and enhancing VOIP security in Network security courses. Right now I am working with Dr. John R Talburt as a graduate research assistant in his entity resolution system project. My primary role here is java development and conduct cutting edge research in big data computing. I believe I have the capability to bring speed, efficiency and innovation in my area of work and research. My ability to take lead in project coupled with effective time management skill will be a great addition to my work domain in your organization. You will always find me highly motivated, industrious and capable to deliver projects within proposed timeline.

I hope you will consider the combination of my academic qualification, professional experience and exposure to the industry as very useful and unique to become successful in my desired internship position. Let me know if you require any further information to evaluate my candidacy in this regard. I look forward to hearing from you.

Thank you for your time and consideration.

Sincerely,

Mohammad Abu Al Jinnah
Pursuing MS in Computer Science at UALR

Enclosures:
1. Resume

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PROFESSIONAL SUMMARY

Result oriented IT professional with proven leadership skills in Linux/ Unix system administration and IT service management. More than two years of solid experience working in the IT and telecom industry focuses on topnotch service quality and continuous innovation. Currently looking for internship opportunity to enhance the exposure towards the challenging IT industry.

WORK EXPERIENCE

Graduate Research Assistant • University of Arkansas at Little Rock • January 2015 to present

Working as a java developer and researcher in the field of big data under the supervision of Dr. John R Talburt in the development and innovation of High Precision Entity Resolution (HiPER) system under Apache Hadoop framework.

Accenture (www.accenture.com) • Dhaka, Bangladesh • January, 2014 to August 2014:

Accenture is one of the world's leading organizations providing management consulting, technology and outsourcing services to a large and diverse client base around the world.

Infrastructure Associate (Server, Storage and Backup)

Performed as a Linux and Unix system administrator. Responsibilities includes regular support to other team members and clients by resolving support request as per SLA, conducting system maintenance downtime activities such as resource shifting, taking backup and coordinate with application and database team members and other stake holders as per organizational directions and ISO guidelines. Trained three of the junior team members in developing Linux system administration skills in the server, storage and backup domain.

- Capable of troubleshooting system using built in OS functionality and system logs, install software packages and patches, perform user management, and perform security hardening, review OS logs as needed and perform system backups.
- Daily/weekly/monthly technical reporting such as regular health check and maintenance of business critical systems, inventory management, Capacity planning for future expansion.
- Configuration of High Availability Clusters (Veritus Cluster Server, Sun Cluster Server, Oracle/RAC). Hands on experience of EMC VMAX, EMC VNX based storage systems and SAN administration, LUN creation and mapping (zoning) to fiber host bus adapters on both Cisco and Brocade fabric environments.
- Data replication (synchronous and asynchronous, at host, application and storage level), snapshot, de-duplication, encryption, hierarchical storage management, data mobility and migration.
- Standard ISO process in IT operation (incident management, change management, problem management, inventory management etc)

Grameenphone IT Ltd. (www.gpit.com) • Dhaka, Bangladesh • October, 2012 to December, 2013

With more than 50 million active GSM/3G subscribers Grameenphone is the leading telecommunications service provider in Bangladesh. Grameenphone was the first company to introduce GSM technology in the country.

System Engineer (Server, Storage and Backup)

Job responsibilities span in the various domain of server, storage and backup administration. Primary role was to perform regular support, maintenance and new server, storage system installation activities in data center premises.

- Server, storage and network infrastructure capacity planning, design and implementation.
- Server to storage connection with Infiniband switch, Solaris IPMP / NIC bonding for network high availability, VLAN, TCP/IP methodology, ZFS filesystem, ZFS Storage Appliance, NFS, Storage Multipathing.
- Virtualization in VMWARE, ESX / ESXi OS, Vcenter, Virtualization in Oracle Solaris (Solaris Zone, Containers, Logical domain).
- Automating standard operational tasks such as taking backup of system configuration, system health check, filesystem mounting/unmounting before patch updating etc. using Perl, Python and shell scripts.

- Hardware and software based RAID configuration, Windows, Linux/Solaris OS installation and application integration.

CKRI Safura Ltd • Dhaka, Bangladesh (www.ckri-safura.net) • April 2012 to October 2012

CKRI-SAFURA LTD is a software development group of companies based in USA and Bangladesh which offers wide range of IT/Technical services, software development and consulting in VOIP technologies.

Assistant Engineer (System development and research)

Worked with a team of talented professionals to design and manufacture IP to GSM gateways and manage VOIP soft switches for a large group IPTSP or IP telephony service providers.

- Research and development and literature review on existing VOIP technologies, VOIP system design, IP PBX installation and configuration in call center.
- In depth understanding of telecommunication protocols (such as IAX2, SIP, H.323, MGCP, RTP, P2P), Data encryption, VPN and their implementation using open source platforms such as Asterisk, Opensips, and Openvbn.

EDUCATION

- Pursuing MS in Computer Science, University of Arkansas at Little Rock. (Current GPA: 3.33)
- Bachelor of Science in Electrical and Electronic Engineering from Bangladesh University of Engineering and Technology (BUET), April 2012.

INDUSTRIAL CERTIFICATIONS AND TRAINING

- Participated in various training on project management, time management, developing effective communication skills and other core soft skills throughout the service length in Accenture and Grameenphone IT ltd.
- CCNA Exploration courses from Cisco Networking Academy, BUET, Dhaka, Bangladesh.
- VMware Certified Associate – Data Center Virtualization (VCA-DCV).
- VMware Certified Associate – Cloud (VCA-Cloud).
- VMware Certified Associate - Workforce Mobility (VCA-WM).

SCHOLARSHIPS AND AWARDS

- "International Student Award" scholarship, University of Arkansas at Little Rock, (2014-15).
- "Education Board Scholarship", Rajshahi Bangladesh, (2006-10).

RECENT PROJECT / RESEARCH WORKS

- Security enhanced VOIP infrastructure design and implementation. (Keywords: Linux, Asterisk, SIP, SRTP, TLS).
- Sentiment analysis of twitter data to predict and rate a movie in artificial intelligence approach. (Keywords: Twitter search API in java, C++, Lingpipe java API for sentiment detection).
- Object detection and recognition using SURF features and moving object tracking by applying Kalman filtering technique. (Keywords: Matlab, Computer Vision Toolbox). .

COMPUTER AND SOFTWARE SKILLS

- Office application: Very high proficiency in MS Word, MS PowerPoint, MS Excel, Open office.
- Computer Programming Language: Assembly, Verilog, C, C++, Java, Perl, Python, MATLAB.
- Database: MYSQL.
- Web development: JavaScript, JQuery, HTML5, CSS, CGI scripting, PHP.
- Operating System: Windows/MAC, Solaris, Red hat, Oracle Linux, Debian.
- Drawing: AutoCAD, MS Visio, Adobe Photoshop.

REFERENCES

Dr. Chia-Chu Chiang, Professor, Dept. of Computer Science, University of Arkansas at Little Rock. Office: EIT 570, Phone: 501-569-8142 E-mail: cxchiang@ualr.edu Web: http://cpsc.ualr.edu/chiang	Dr. Mariofanna Milanova, Professor, Dept. of Computer Science, University of Arkansas at Little Rock. Office:EIT-564, Phone: 501-569-8135 Email: mgmilanova@ualr.edu Web: http://cpsc.ualr.edu/milanova
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