

NAUMAN SHAHID

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EDUCATION

Bachelor Of Computer Engineering - CGPA: 3.68/4.00 June 2014

National University of Sciences and Technology, Islamabad, Pakistan

College of Electrical and Mechanical Engineering

Final Year Project: An FPGA based approach to deep packet inspection for the purpose of application aware routing in content delivery networks using NetFPGA 10G

University Of Cambridge International Examinations GCE A-Levels June 2010

St. Anthony's College, Lawrence Road, Lahore, Pakistan

4 A-Levels: Mathematics (A), Physics (A), Chemistry (A*), Computing (A)

University Of Cambridge International Examinations GCE O-Levels June 2008

St. Anthony's College, Lawrence Road, Lahore, Pakistan

8 O-Levels including Mathematics (A), Physics (A), Chemistry (A), Computer Studies (A)

WORK EXPERIENCE

Software Engineer April 2017 - Present

Afiniti International Holdings Ltd. | Switch Interface Engineering

- Development of a messaging system in object oriented paradigms with a load balancer scalable to 'n' number of servers distributed across the enterprise network with over a hundred thousand clients
- Development of a TPKT Packet Handler for TCP Sockets in line with RFC 1006 and RFC 2126
- Development of a wrapper for UDP Sockets for the reliable delivery of datagrams

Senior Software Development Engineer August 2016 - April 2017

Software Development Engineer November 2015 - July 2016

Mentor Graphics Corporation | Embedded Software Division | Wired and Wireless Connectivity

- Development and Porting of WLAN Device Drivers for varied modules and CPU architectures for Nucleus RTOS
- Maintenance of a ported version of WPA Supplicant and HostAP Daemon for Nucleus RTOS
- Development of IEEE 802.11 Client and Access Point applications for Nucleus RTOS in line with client requirements

Associate Engineer August 2014 - November 2015

u-blox AG | Embedded Cellular Software

- Development of a Binary Difference Generator for Firmware Over-The-Air Updates
- Maintenance of the MAC Layer of the LTE Protocol Stack in line with 3GPP 36.321 Specifications
- Scripting test benches for the conformance testing of the LTE Protocol Stack

Business Process Automation Intern July 2014 - August 2014

Telenor Pakistan

- Sales pipeline web portal development and deployment across Telenor Pakistan intranet

Business Intelligence Intern June 2013 - August 2013

Techlogix Pakistan

- BI Reporting Project (using Oracle Business Intelligence) for a financial institution in the Gulf

Electrical Engineering Intern July 2012 - August 2012

Siemens Pakistan Engineering Co. Ltd.

- Sales Engineering tasks of the Transformers Business Unit pertaining to tender proposals and technical presentations

SKILLS

C, C++, C#, Python, SQL