NAUMAN SHAHID

Lahore, Pakistan | +92 314 4086199 | naumanshahid@msn.com
naumanshahid.github.com | pk.linkedin.com/in/snaumanshahid

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, Linux