

## ACADEMICS

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### 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

Senior Year Project: An FPGA based approach to deep packet inspection for the purpose of application aware routing in content delivery networks

### 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\*), and 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), and Computer Studies (A)

## WORK EXPERIENCE

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### TomTom

Eindhoven, The Netherlands

Software Engineer

May 2018 - Present

- An integral part of a team responsible for the integration and maintenance of the navigation stack for a French automaker
- Partial responsibilities include the administration of the software delivery and release management pipeline

### Afiniti

Lahore, Pakistan

Software Engineer

April 2017 - April 2018

- Internet Protocol Contact Center switch specific porting and integration of Afiniti's proprietary caller-agent pairing Artificial Intelligence algorithms

### Mentor Graphics

Lahore, Pakistan

Senior Software Development Engineer

August 2016 - April 2017

- Embedded platform specific development and porting of Safety Certified wired and wireless connectivity device drivers for Nucleus Real Time Operating System

Software Development Engineer

November 2015 - July 2016

- Embedded platform specific development and porting of WLAN device drivers and WPA Supplicant for Nucleus Real Time Operating System

### u-blox

Lahore, Pakistan

Associate Engineer

August 2014 - November 2015

- Sole designer and developer of the Firmware Over-The-Air binary difference generation module
- Maintenance of the MAC layer of u-blox's proprietary 4G LTE/LTE-A stack in accordance with 3GPP specification releases

### Telenor

Lahore, Pakistan

Business Process Automation Intern

July 2014 - August 2014

- SQL-injection proof, responsive, and aesthetically pleasing sales pipeline web portal development and centralization across Telenor Pakistan intranet

### Techlogix

Lahore, Pakistan

Business Intelligence Intern

June 2013 - August 2013

- BI Reporting project for a financial institution in the Gulf using Oracle Business Intelligence Suite

### Siemens

Lahore, Pakistan

Electrical Engineering Intern

July 2012 - August 2012

- Shadowed the Sales Business Unit's Executive Engineer familiarizing myself with the workflow from the publication of tenders to deliveries and providing support for distribution, instrument, and power transformers along with SF<sub>6</sub> high voltage circuit breakers

## **SKILLS**

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C, C++, C#, Python, Bash, MATLAB, Linux, Git, SQL

## **RESIDENCY STATUS**

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- Dutch Highly Skilled Migrant Permit
- Overseas Citizen of Pakistan

## **DRIVING LICENSE**

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- European Union AM-A-B-T Driving License