



## Muhammad Bilal

**Date of birth:** 19/10/1994

**Nationality:** Pakistani

**Gender:** Male

## CONTACT

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<https://www.facebook.com/bilal.falcon> (Whatsapp)

## ABOUT ME

An Electrical Engineer, Mastered in Automation and Control, planning to study abroad for a better outcome.

## WORK EXPERIENCE

**02/07/2019 – 28/09/2019** Peshawar, Pakistan

### Internee Electrical engineer Frontier Foundry

Frontier Foundry is a Peshawar based company which supplies grade 60 steel across Pakistan.

I was part of a team of Electrical Engineers tasked to monitor the dedicated grid station located at the factory.

## LANGUAGE SKILLS

**MOTHER TONGUE(S):** Pashto

**Other language(s):**

English

Listening	Reading	Spoken production	Spoken interaction	Writing
B2	B2	C1	C1	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

## EDUCATION AND TRAINING

**07/2011 – 04/2013** Peshawar, Pakistan

### Intermediate Examination Board of Intermediate and Secondary Education Peshawar (Army Public School and College)

**Field of study** Pre - Engineering Group

**14/08/2015 – 26/01/2020** Peshawar, Pakistan

### Bachelor of Science (Electrical Engineering) National University of Computer and Emerging Sciences

Final year project was based on a robotic vehicle attached to a 3-degree of freedom Robotic arm, a metal detector would scan beneath the ground, and buzz whenever a certain threshold was reached for a metal to be detected. The robot was controlled through an application, downloaded onto an android device.

**Address** 160 Industrial Estate, Hayatabad, Peshawar, Pakistan, 25000, Peshawar, Pakistan | **Website** <http://pwr.nu.edu.pk/> |

**Field of study** Electronics and Telecommunication | **Thesis** Robotic machine underground mine/metal detection

**01/2020 – CURRENT** Peshawar, Pakistan

### Master of Science (Mechatronics Engineer) University of Engineering and Technology

Studied Automation and Control, worked on robotic prosthesis, studied the various sensors such as the Flexi-forces sensors on how to manipulate these prosthetics.

**Address** Street 21, Phase 5 Hayatabad, 25000, Peshawar, Pakistan |

**Website** <https://www.uetpeshawar.edu.pk/mechatronics.php> |

**Field of study** Robotics, Programming

## DIGITAL SKILLS

unity 3d | Blender, 3D modeling

## PROGRAMMING LANGUAGES

C++ | Python

## HARD SKILLS

Fatek PLC programming | PLC SIEMENS SIMATIC

## ADDITIONAL INFORMATION

### Recommendations

**Sir Muhammad Maqsood Khan** Asistant Professor

Sir Maqsood was my professor during the period of my bachelors.

**Email** [maqsood.khan@nu.edu.pk](mailto:maqsood.khan@nu.edu.pk) | **Phone** (+92) 3341128128

**Dr Muhammad Tariq** Associate Professor and Director

Dr Muhammad Tariq is the director of the campus where I graduated as an Electrical Engineer.

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