

## MUHAMMAD TAYYAB

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Date of Birth: 27/08/1999

### EDUCATION & QUALIFICATIONS

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| <b>Bachelors in Electrical Engineering</b><br>Major (Embedded System, Electrochemistry) Minor (Power & Renewable Energy)<br>Namal Institute, Mianwali<br>CGPA: 3.2/4 | 2018-continue |
| <b>Intermediate in pre-Engineering (F. Sc)</b><br>Danish School, Hasilpur<br>Marks: 938/1100, A+   | 2016-2018     |
| <b>Matric in Science</b><br>Danish School, Hasilpur<br>Marks: 1048/1100, A+  | 2014-2016     |

### PROFESSIONAL EXPERIENCE

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|--|-----------------------|
| <b>Pak Elektron Limited</b><br>Position/Role, Department                                     | June 2021 - July 2021 |
| <ul style="list-style-type: none"><li>• Internee Electrical Engineer in I &amp; QC</li></ul> |                       |
| <b>Namal Institute Mianwali</b><br>Position/Role, Department                                 | Feb 2019 - May 2020   |
| <ul style="list-style-type: none"><li>• Teacher Assistant, Circuit Analysis</li></ul>        |                       |

### PROJECTS

Water treatment via Ozonation using PV panel as FYP  
Home automation using Arduino & Wi-Fi module  
Quality of product vs. commercial success as business analysis project  
Logic gates implementation using deep neural networks as machine learning project  
Two-way Traffic Lights with Pedestrian Walk as Embedded Systems project  
Robot as Line Follower Indigenous Robot  
Bump less Control Transfer from Manual to Tracking mode PID Control  
DC-DC Buck Converter as power project

### ADDITIONAL EXPERIENCE

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|---|-----------|
| •Vice President of Namal IEEE Society   | 2019-2020 |
| <ul style="list-style-type: none"><li>• Promoted various events conducted at Namal.</li></ul> |           |
| •Teacher in Namal Society for Social Impacts  | 2019-2021 |
| <ul style="list-style-type: none"><li>• Conferences/Trainings</li></ul>                       |           |

### SKILLS & INTERESTS

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**Software skills:** Fluency in Proteus, MATLAB, Multisim, Excel, PowerPoint, Word.  
Proficient in Computer Programming Languages: C++, Python, Assembly, DSA Algorithm.  
**Interpersonal Skills:** Public Speaking, Leadership Qualities, Teamwork, Problem Solving,  
**Languages:** Urdu (Fluent), English (Advance).  
**Interests:** Watching movies, playing games, Hiking, Travelling.