

## ARBAZ CHAUDHARY

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[www.linkedin.com/in/arbazch/](https://www.linkedin.com/in/arbazch/) | Age: 23

### Education

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#### UNIVERSITY OF ENGINEERING AND TECHNOLOGY

Lahore, Pakistan

*Bachelor of Mechatronics and Control Engineering : 2017-2021*

### Professional Experience

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#### SMARTBID SOLUTIONS

Lahore, Pakistan

*Electrical Estimation Engineer : Feb 2022 – Till Date*

- *Smart Bid Solutions* is an estimation Company which provides the services of cost estimation and Material Takeoff of construction Project. As an estimation Engineer I Provide Material Take off.

### Academic Experience

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#### AUTOMATIC RETAIL CHECKOUT-Final year Project

*Hardware Design Head : September 2020 – July 2021*

Automatically retail the items by using a simple image acquisition device coupled with a CNN identifier.

- *Life-Long Learning*: Designed/Fabricated all the parts on SolidWorks and CNC. Implemented the deep leaning model YOLO v4 tiny for the tracking of the real time moving objects in a video.

#### TEMPERATURE CONTROL BOX.

- *Self-learner*: Controlled the temperature of the box by using a heating device and cooling fan using PID feedback Control.

#### AUTOMATIC BIKE TURNING INDICATOR.

PCB package to show the tilt of the board

*Task Leader: February 2019 – May 2019*

- *Technical Skill*: By using accelerometer and comparators, the LEDs were blinking of the tilting side which showed the tilt of the board.

### Extracurricular Experience

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#### AIESEC-Pakistan

Lahore, Pakistan

*Campus Brand Ambassador : Sep 2018- Sep 2019*

#### EFE FOUNDATION.

Lahore, Pakistan

*Assistant Director: Feb 2018- Oct 2019*

### Honors And Awards

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#### ACADEMIC SCHOLARSHIPS.

Lahore, Pakistan

- Received full merit-based academic scholarship from PEEF (2017-2021)
- Received full merit-based academic scholarship from DALDA (2016-2021)

#### COURSES.

Lahore, Pakistan

- Solar Photovoltaic Training – KICS UET
- Machine Learning – Coursera
- Marketing Analytics – Coursera
- Technical Writing for Scientists and Engineers – IEEE

#### AWARD.

Lahore, Pakistan

- Received merit-based Laptop Award from Chief Minister Punjab (2017)

### Additional

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- **Skills**: MS Office, Plan swift, Analytics, SolidWorks, MATLAB, Proteus, C++, Python, Machine Learning
- **Interests**: Development, Coding, Graphic Design, Machine Learning, Machine Vision, Production, Supply Chain, and Digital Marketing.