

# SAMAVIA IMAN

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## SUMMARY

Experienced Electrical Engineer with a strong background in designing and implementing systems like electric vehicles and power transformers in the electrical and automotive industries. Skilled in problem-solving and delivering high-quality solutions. Passionate about innovation and thriving in dynamic environments.

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## WORK EXPERIENCE

### Intern

Jun 2023

#### Pak Elektron Limited (PEL)

- Applied electrical engineering skills to power transformer projects at PEL, gaining hands-on experience.
  - Expanded understanding of practical challenges in transformer development and manufacturing.
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## EDUCATION

### Bachelor of Science in Electrical Engineering

2020 - 2024

University of Engineering and Technology, Lahore

### Pre-Engineering

2018 - 2020

Punjab Group of Colleges

Grade **A+**

### Matriculation ( Bio. Science)

2016 - 2018

Govt. Model Girls High School

Grade **A+**

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## COURSES

- Machine learning, AI and Data science
  - Training of UI / UX Designing
  - Figma (UI / UX Designing)
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## AWARDS/ACTIVITIES:

- Silver medal in Matriculation Part I
  - Silver medal in Matriculation Part II
  - Class **President**
  - Member of IEEE Web Development Team
  - Member of UET Media Team photography
  - Member of Tech Minds
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## SKILLS

- PSSE Software
  - MATHLAB
  - PCB Designing
  - **3D** Designing on Figma
  - LT Spice Software
  - Python
  - C/C++
  - Web Designing
  - Power Word Simulator (PWS)
  - Protection System Analysis
  - Landing Page Designing
  - Keil
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## PROJECTS

- Four-Bus Power System Analysis: Integration of Generating Stations and Load Centers
  - Design and Implementation of an Electric Vehicle
  - Designing of Different PCBs with the Use of Altium Software
  - Speed control with Tiva tm4c123 Microprocessor
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## REFERENCE

References available upon request