

Sufwan Mubeen

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Education

Pakistan Institute of Engineering and Applied Sciences

September 2022 – Present

Bachelor of Science in Chemical Engineering (CGPA: 3.77 / 4.00)

Islamabad, Pakistan

- **Relevant Coursework:** Transport Phenomena, Chemical Engineering Thermodynamics (I & II), Chemical Process Principles, Chemical Process Industries

Objective

Seeking a stimulating summer internship opportunity in an IT-based company where I can integrate my background in chemical engineering with emerging technologies, particularly in the realm of AI. Eager to apply my classroom knowledge in a practical, hands-on environment while contributing to innovative projects at the intersection of chemical engineering and AI. Committed to gaining valuable industry experience, honing skills in process optimization, research, and problem-solving, and leveraging this internship to explore new career avenues within the chemical engineering and technology sectors.

Projects

Sustainable Engineering: Machine for Converting PET Plastic to Fibers | *Chemical Process Industries*

- Stepped into implementing a concept by aid of which bringing waste bottles(PET) into use.
- Designed and made a fully working machine capable of converting plastic(PET) into floss.
- Implemented knowledge of Thermodynamics and Engineering Mechanics to make a fully capable machine.

Skills & Interests

Languages: C, Python, LaTeX

Technologies: Linux(Red Hat, Ubuntu), Aspen Plus, SPSS, Solid Works, Adobe Illustrator

Hobbies: Programming/coding, Book Reading, Content writing, Basketball, Volleyball

Achievements

- 3rd Position Consumer Product Competition, 2024.
- 9th International English Language Olympiad, 2021.
- National Spelling Bee Competition, 2019.
- Punjab Boys Scouts Association (Summer Training), 2018.

Extracurriculars

Captain: Of University Basketball team at HEC tournaments.

Executive Member : Team Management at AIChE-PIEAS Chapter.

Sports-Engagements: Volleyball , Cricket ,Football.