

ABDULLAH CHAUDHRY

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EDUCATION

University of Engineering and Technology (UET), Lahore

Expected June 2028

BSc Computer Science · Registration No. 2024-CS-56

Selected results: Artificial Intelligence (A, theory and lab) · Object Oriented Programming (A-)

Relevant coursework: Database Systems · Advanced Database Management Systems · Data Structures and Algorithms · Design and Analysis of Algorithms · Software Engineering · Computer Networks · Information Security · Theory of Automata · Discrete Mathematics · Linear Algebra · Computer Organization and Assembly Language

RESEARCH INTERESTS

I take creatine and use mass gainers myself, so when I started digging into supplement labels it wasn't from a distance — I actually wanted to know if what I was taking matched what the label said. That's what pulled me into public health and regulatory datasets generally: places where what's claimed and what's actually documented don't line up. I like problems that end in something a clinician, a regulator, or honestly just a normal person buying supplements could use.

PROJECTS

label-vs-reality

2026

Python · SQL · SQLite · NIH DSLD

- Started this because I take creatine myself and wanted to know whether products actually declare the dose the research supports, not as a random dataset pick. Used the full NIH label database (214,780 records) to check.
- Caught a real methodology mistake mid-project: the first pass mixed discontinued products in with current ones, which understated the result. Fixing that moved the on-market figure from about 66% to 71%.
- Most of the apparent low-dose group turned out to be mass gainers and protein blends where creatine is a minor ingredient, not real creatine products. Wrote that up as a finding instead of hiding it.
- Every number in the writeup has a runnable SQL file behind it and a claim log stating what's verified versus still open.

Hospital Network Segmentation Design

2026

Cisco Packet Tracer · Computer Networks coursework

- Designed a simulated hospital network segmented by clinical risk rather than physical location, with medical devices, clinical staff, admin, and guest traffic on separate VLANs enforced by router ACLs.
- Documented what the design doesn't prove alongside what it does — DHCP stopped issuing leases during the final build and wasn't fixed before the deadline, so the write-up says so directly instead of hiding the gap behind static IP addressing.

TECHNICAL SKILLS

Programming languages: Python, SQL, C++, JavaScript

Tools & frameworks: SQLite, Git, FastAPI, React, Power BI, Cisco Packet Tracer

Also: relational database design, data cleaning, working with government and public health datasets

Spoken languages: English (native), Urdu (native)

POSITIONS & INVOLVEMENT

Male Focal Person, FOSPAH — UET Lahore

current

Federal Ombudsman for Protection Against Harassment

- One of the university's contact points for harassment complaints; cases are handled directly or referred up to the federal body.
- Mostly about listening carefully, keeping things confidential, and knowing when something needs to go further.

Events Organiser, Zimal Women's Society — UET Lahore

current

- Ran several Women's Day and breast cancer awareness events on campus, from planning through to execution.