



Muhammad Hassan Raza

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Lahore, Pakistan

Software Engineering student with multiple projects, as well as the determination to always learn new tools and technologies to expand my skillset. I always look forward to complex programming projects so I can spend my time breaking down the problem.

SKILLS

- Advanced C++
- Advanced English
- Advanced Communication
- Advanced Java
- Advanced Git
- Intermediate JavaScript
- Intermediate Python
- Beginner BASH
- Beginner Julia

Education

Graduating 2024	Software Engineering , FAST-NUCES – Lahore <ul style="list-style-type: none">• CGPA: 3.18• Assistant Vice President, SOFTEC• 3rd Place at NaSCon'22 Code Studio Competition• Teaching Assistant for Introduction to Software Engineering• Campus Ambassador for Cogent Labs• VIP Management Team Lead FutureFest'23
A-Levels	Computer Science , Beaconhouse, ALJT – Lahore <ul style="list-style-type: none">• 1B, 3C; Medical Treatment during exams• Shaukat Khanum Volunteer, Member Speech Society
O-Levels	Computer Science , Sharif Education Complex – Lahore <ul style="list-style-type: none">• 4A*, 4A• 2 speech competitions, 1 poetry contest winner• Highest Achiever Shield of Excellence

Projects

- Image OCR** - Tkinter and Pytesseract - Create snapshot, export transcript
- Linear Model Solver** - CustomTkinter and PuLP - Find optimal values, Slack, Shadow Prices
- Bill Manager** - Separate GUI for Manager and Customer
- Image Editor** - Mean/Median, Translate, Scale, Transform, Quantization, Derivation
- Weather App** - Tkinter and OpenWeatherMap API, Display Temps, Sunrise, Windspeed
- Notepad App** - Swing toolkit, Load/Create/Save text files
- Todo Manager** - Add/Remove/Complete/Save tasks