Muhammad Hassan Raza

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I am an avid believer in self-learning as well as breaking things. It's my preference to sit down with a problem and try to dissect it while listening to lots of music. I'm always looking forward to a challenge, rather than becoming complacent with solving easier problems.

SKILLS

- Advanced C++
- Advanced Java
- Advanced Git
- Intermediate Python
- Intermediate JavaScript
- Beginner ReactJS

Education

Graduating 2024

Software Engineering, FAST-NUCES – Lahore   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
- 1B, 3C; Medical Treatment during exams
- Shaukat Khanum Volunteer, Member Speech Society

O-Levels

Computer Science, Sharif Education Complex – Lahore
- 4A*, 4A
- 2 speech competitions, 1 poetry contest winner
- Highest Achiever Shield of Excellence

Projects

🐍 Image OCR	Using Tkinter and Pytesseract to create snapshots and export transcripts
🐍 Linear Model Solver	Using CustomTkinter and PuLP to find optimal values and slack
© Image Editor	Mean/Median, Translate, Scale, Transform, Quantization, Derivation
🐍 Weather App	Using Tkinter and OWM API to display temperatures, Sunrise, Windspeed
☕ Notepad App	Using Swing toolkit to Load/Create/Save text files

References

- **Dr. Zeeshan Ali Rana**
  Assistant Professor
  zeeshan.rana@nu.edu.pk

- **Mr. Jawad Khalid**
  Lecturer
  jawad.khalid@nu.edu.pk

- **Mr. Saifullah Tanvir**
  Lecturer
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