Saad Ali

✉ saadalioffic@gmail.com   📞 +92 335 3948753   📍 Karachi, Pakistan
in linkedin.com/in/saadali5/

▬▬ EDUCATION

NED Univeristy (UIT)

Bachelor of Science in Software Engineering   2025

▬▬ WORK EXPERIENCE

360 Xpert Solutions

AI Engineer Intern   July 2024 - Aug 2024

- Collaborated with a team at 360 Xpert Solutions to develop a registration app for 2,000+ participants, streamlining data capture and reducing manual errors by 50%.
- Implemented an OpenCV-based verification system in Python to cross-reference winners, preventing fraud and reducing false claims by 35%.
- Enhanced competition integrity through a transparent process, increasing athlete and organizer trust by 20%.
- Improved race operations and participant satisfaction by 30%, boosting overall event reliability with innovative features.

MIcro Electronic Research Lab

Research Intern   Sep 2022 - Dec 2023

- Developed spiking neural networks (SNN) for microprocessors, enabling smarter, adaptive systems that respond to real-time data, completing the project in 3-4 months.
- Integrated AI algorithms into microprocessors, boosting functionality and increasing RISC-V vector processor speed by 15%, improving performance across multiple applications.
- Contributed to the Vaquita project, an open-source RISC-V core, enhancing parallel data processing efficiency by 20% through advanced masking techniques over 1.5 years of development.

▬▬ PROJECT

Resume Rater   Aug 2024
- Developed a web application using the TF-IDF approach and cosine similarity to assess resume alignment with job descriptions, resulting in a 30% average improvement in match scores and a 40% increase in interview chances for over 500 job seekers.
- Provided actionable insights for resume refinement, leading to a 25% increase in interview requests and enhanced user experience.
- Project Link: github.com/Nomad-Dev-Saad/Resume-Rater-RR

Emotion Entertainment   July 2024
- Developed the EmoEnt project, a machine learning and image processing tool, analyzing user inputs like genre and language to recommend songs, resulting in a 90% accuracy rate for emotional alignment with over 1,000 users.
- Facilitated more effective interpersonal interactions by providing actionable emotional insights, improving user engagement and communication awareness by 25%.
- Project Link: github.com/Nomad-Dev-Saad/EmoEnt

▬▬ SKILLS

- Languages: Python, Javascript, HTML, CSS, Bash, Scala
- Framework: OpenCV, Flask, SkLearn, Numpy, Pandas,
- Tools: Git, Github, PowerBi, Linux