

# AHMAD FAIZ

## COMPUTER SCIENCE UNDERGRADUATE

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EDUCATION	<p><b>School of Electrical Engineering &amp; Computer Science (SEECS), NUST</b>   Islamabad, Pakistan</p> <p><i>Bachelor of Science in Computer Science</i>   2023 - 2027 (<i>expected</i>)</p> <ul style="list-style-type: none"><li>• Current status: 4th Semester Undergraduate</li></ul> <p><b>HH. Sheikh Zayed College</b>   RahimYarKhan, Pakistan</p> <p><i>FSc (Pre-Engineering)</i>   2020 - 2022</p> <ul style="list-style-type: none"><li>• Percentage: 94.3%</li></ul>
TECHNICAL SKILLS	<p><b>Programming Languages:</b> Python, C/C++, Java, JavaScript</p> <p><b>Machine Learning:</b> ScikitLearn, NumPy, Pandas, Matplotlib</p> <p><b>Web Development:</b> HTML, CSS, JavaScript, Responsive Design</p> <p><b>Database:</b> SQL, PL/SQL, FireBase</p> <p><b>Computer Science:</b> Data Structures &amp; Algorithms, Object-Oriented Programming (OOP)</p> <p><b>Networking:</b> Basic Networking (Cisco Packet Tracer), WireShark</p> <p><b>Security:</b> Information Security Fundamentals</p> <p><b>Tools:</b> Figma, Microsoft Office Suite, Prompt Engineering</p>
CERTIFICATIONS	<ul style="list-style-type: none"><li>• <b>Supervised Machine Learning: Regression and Classification</b> – Stanford University</li><li>• <b>AI Fundamentals</b> – IBM SkillsBuild</li><li>• <b>CS188: Introduction to Artificial Intelligence</b> – UC Berkeley (Audit)</li><li>• <b>HarvardX: CS50's Introduction to Computer Science</b></li></ul>
PROJECTS	<p><b>ScheduleAI: AI-powered Time Scheduler</b>   2025</p> <p><i>Academic Project</i></p> <ul style="list-style-type: none"><li>• Developed a full-stack AI web app using Python and Next.js for intelligent daily schedule generation.</li><li>• Implemented CSPs with AC3, backtracking, forward checking, and greedy algorithms for constraint-based scheduling.</li><li>• Helped integrate a custom-trained Hidden Markov Model (HMM) for converting natural language into scheduling constraints.</li><li>• Generated schedules with &gt;90% satisfaction based on constraints and NLP inputs.</li></ul> <p><b>IlmApp: Android Learning Platform</b>   2024</p> <p><i>Academic Project</i></p> <ul style="list-style-type: none"><li>• Built an Android app providing features like notes, lectures, quizzes, live Zoom classes, and newsletter updates.</li><li>• Implemented user authentication with Firebase and real-time data using Firestore.</li><li>• Designed intuitive dashboard UI using XML layouts and custom Figma icons.</li><li>• Integrated Zoom SDK for live classes feature .</li><li>• Admin panel and access control built into the same app.</li></ul>
AWARDS AND HONORS	<ul style="list-style-type: none"><li>• <b>Gold Badge,</b> HackerRank Python Programing / Problem-Solving   2025</li></ul>

SOFT SKILLS	International Relations & Pitch Development Problem Solving & Critical Thinking Team Collaboration & Management Adaptability & Creativity
LANGUAGES	<b>English:</b> Professional Proficiency <b>Urdu:</b> Native Proficiency
INTERESTS	Machine Learning, Artificial Intelligence, Technology Innovation, Problem Solving, Software Development