
AHMAD SAAD

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Profile

A student of Bachelor of Computer Science. Hardworking, determined, and above all, passionate about computer science. Eager to learn and grow in the computer science space. A proven track record of my diligence led me to procure my place in the Vice Rector's countless times, entering my sixth semester with one of the highest CGPA's in my department. Excellent communication and social skills, high quality of work and a pre-eminent work ethic.

Education

Forman Christian College (A Chartered University), Lahore — Bachelor of Computer Science, 2019 - 2023

- Relevant courses include but are not limited to Data Structures, Design and Analysis of Algorithms, Java, Objected Oriented Programming, Theory of Automata, Advanced Calculus, Numerical Computing, Computational Linear Algebra, Differential Equations, Discrete Mathematics, Digital Logic Design, Computer Organization and Assembly Language, Web-App Development, Database Management, Compiler Construction and Computer Architecture.
- 3.882 CGPA
- Was placed on the Vice Rector's list (awarded to students with a GPA of higher than 3.75 in a semester) four consecutive times.
- **Launched iCamp** in college that aids students in familiarising themselves with the job market, teaches technical skills and encourages students to bring forth their ideas, form teams, compete in Hackathons and enhance their team-working skills.
- Active member of FCCU's Computer Science Society and Political Science Society.

Experience

Co-founder, Software Engineer and Design Lead, RÖZ — 2021 - Present

- Conceptualised the idea behind RÖZ, an AI assisted hardware that connects with the RÖZ web app or mobile app to assist in early detection of breast cancer.
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- Developed a mobile app and web app using a plethora of technologies which include but are not limited to HTML, CSS, Bootstrap, JavaScript, ReactJS, Swift, and Azure.
- Integrated a modern system to receive data from the hardware over a bluetooth connection, and safely store that data to be compliant with HIPAA and GDPR requirements.
- Designed the UI for the application on Figma. Made the application as user-friendly and intuitive as possible with thorough understanding of UI design, Gestalt Laws of design and good use of colour and typography.

Skills

Technical Skills

Java, Python, JavaScript, HTML, CSS, Bootstrap, Figma, C, MIPS, R, SQL, Machine Learning, Django, Kotlin, Swift, ReactJS, Foundation DB, MongoDB, UI/UX Design, Figma, SPSS, Weka.

Languages

English and Urdu.

Interests

Mobile app development, documentaries and STEM research.

Projects and Achievements

Microsoft Imagine Cup 2022 Epic Challenge Winner

Led my team to win the inaugural Epic Challenge for Microsoft Imagine Cup 2022 with RÖZ, winning 1000 USD and Azure Credits.

Stanford Open Datathon Top 5 Statistical Models

Led my team to the top 5 out of hundreds of teams in Stanford Open Datathon 2020 with our project regarding the future of online education in post-pandemic Pakistan. The project [repository](#) can be visited to observe further.

College Projects

Projects done in college include but are not limited to a C based Lexical Analyzer to isolate lexemes from a custom programming language, Single Cycle Datapath simulated in Logisim, a case study regarding Car Rental Management System implemented using SQL, various games and problems implemented using Dynamic Programming approaches.

References

- Will be provided upon request.
