



Sufian Abid

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ABOUT ME

As an enthusiastic developer, my professional journey has been woven with hands-on experience in creating robust and dynamic online solutions. Beyond coding, I delve into the realms of AI through impactful extracurricular activities showcasing not only a proficiency in web development but also a passion for leveraging technology to shape the future. I bring a unique blend of skills, merging the art of coding with the science of AI, to navigate challenges and contribute meaningfully to the field.

EDUCATION AND TRAINING

Bachelor's of Science in Computer Science

Federal Urdu University of Arts Science and Technology [04/10/2019 – 07/2023]

Address: Kuri Model Village, Mozah Mohrian, 5B, near Bahria Enclave Road, Islamabad, 45570 Islamabad (Pakistan)

Website: <https://www.fuuastisb.edu.pk/>

Field(s) of study: Computer Science

Final grade: 3.51

Thesis: Web based application for Urdu Speech Emotion Recognition

1. Accomplished individual with a Bachelor's in Computer Science from FUUAST, Islamabad.
2. Consistently maintained a CGPA of 3.51 throughout academic journey.
3. Achieved a perfect 4.0 GPA in both 7th and 8th semesters, showcasing commitment to excellence.
4. Executed successful Final Year Project on Urdu Speech Emotion Recognition, employing Python Django.
5. Engaged in tech community through seminars and webinars, highlighting passion for continuous learning. Proficient in Web development.
6. Adaptable, detail-oriented, and poised to drive innovation and excellence in technology

Fsc Pre-Engennering

Punjab Group of Colleges Blue area campus, Islamabad [01/09/2017 – 31/08/2019]

Address: Shan Plaza, AKM Fazl-ul-Haq Rd, Block D G 6/2 Blue Area, Islamabad, 44000 Islamabad (Pakistan)

Field(s) of study: Engineering

1. Completed a two-year program in **FSc Pre-Engineering** at Punjab Group of Colleges Blue Area Campus Islamabad.
2. Demonstrated a commitment to academic excellence and acquired a strong foundation in **engineering concepts**.
3. Acquired essential skills in engineering principles and **problem-solving** during the course of the FSc Pre-Engineering program.
4. Cultivated a sense of **professionalism** and adaptability by navigating through a challenging academic curriculum.
5. Engaged in collaborative learning experiences, fostering effective teamwork and communication skills.

Introduction to Psychology

University of Toronto [24/10/2022]

Address: 27 King's College Cir, Toronto, ON M5S, Canada, M5S Toronto (Canada)

Website: <https://www.coursera.org/>

Field(s) of study: Psychology

Final grade: 98.64%

Link: <https://www.coursera.org/account/accomplishments/verify/6BCSSLVCAGTM>

1. Explored fundamental experiments in **psychology**, delving into the implications for understanding the **human mind and behavior**.
2. Covered cognitive abilities like memory, learning, attention, perception, and consciousness, providing insights into **human development**.
3. Examined the influence of others on thoughts and behavior, fostering an understanding of **social psychology**.
4. Explored various forms of mental illness and their treatments, gaining insights into **abnormal psychology**.
5. Enhanced self-awareness and appreciation of **human behavior**, contributing to a holistic understanding of psychology.

Introduction to Abnormal Psychology

Wesleyan University [06/09/2023]

City: Middletown, Connecticut

Country: United States

Website: <https://www.coursera.org/>

Field(s) of study: Abnormal Psychology

Link: <https://www.coursera.org/account/accomplishments/verify/46NNFY4MTAL6>

1. Provided an overview of **psychological abnormality**, including assessment, classification, and major models for understanding it.
2. Explored specific domains of abnormal psychology, such as **mood disorders, anxiety disorders, and stress-related disorders**.
3. Addressed symptoms, **epidemiology**, causal theories, treatment interventions, and multicultural considerations for various disorders.
4. Focused on developing empathy and the ability to **recognize psychological distress** in others.
5. Fostered a compassionate approach to conversations about **mental health**, contributing to a **supportive community**.

Human-Centered Design: an Introduction

University of California San Diego

Address: 9500 Gilman Dr, La Jolla, CA 92093, USA, San Diego (United States)

Website: <https://www.coursera.org/>

Field(s) of study: Human Computer Interaction

Link: <https://www.coursera.org/account/accomplishments/verify/BVFNC638M7NA>

1. Learned techniques for rapidly prototyping and evaluating multiple interface alternatives, **essential for interaction design**.
2. Conducted fieldwork to generate design ideas, fostering creativity in **human-centered design**.
3. Developed paper prototypes and low-fidelity mock-ups, gaining practical skills for interactive design.
4. Emphasized the importance of **feedback** from **stakeholders, clients, and users** in the design process.
5. Acquired **design-thinking strategies** to create more user-friendly and innovative technologies.

eHealth

The University of Sydney

Address: Camperdown NSW 2006, Australia, Sydney (Australia)

Website: <https://www.coursera.org/>

Field(s) of study: e-health

Link: <https://www.coursera.org/account/accomplishments/verify/TPQPSSU7GGRW>

1. Explored the **multidisciplinary** nature of **eHealth**, understanding its impact on the integration of care.
2. Examined current and emerging trends in technology application in **healthcare**, both locally and internationally.
3. Analyzed the transformation of **healthcare** through health **data collection** and the role of new technologies.
4. Explored how **eHealth** can improve **healthcare coordination, efficiency, and consumer participation**.

Fundamental Neuroscience for Neuroimaging

Johns Hopkins University [22/10/2023]

City: Baltimore

Country: United States

Website: <https://www.coursera.org/>

Field(s) of study: Neuroscience

Link: <https://www.coursera.org/account/accomplishments/verify/J6WTSAP5QBHN>

1. Introduced basic principles of **neuroimaging** methods applied to **human subjects** research.
2. Explored **neuroimaging**, image formation, and various applications, including functional MRI and diffusion tensor imaging.
3. Covered **neuroscience** concepts and terminology essential for understanding neuroimaging applications.
4. Gained knowledge of structural and functional **human neuroanatomy**, cognitive domains, and experimental design.
5. Developed a foundational understanding of the history and different methods of neuroimaging in the context of **neuroscience**.

Fundamentals of Machine Learning for Healthcare

Stanford University [20/09/2023]

City: California

Country: United States

Website: <https://www.coursera.org/>

Field(s) of study: Machine Learning and Health care

Link: <https://coursera.org/share/e09bf6df41a669157da961616b3ec006>

1. Understanding the promise and challenges of implementing **Machine Learning** in a medical context.
2. Examining the metrics unique to **healthcare** and the best practices for designing **Machine Learning** applications.
3. Bridging the gap between **healthcare** and **Machine Learning** concepts.
4. Recognizing the interdisciplinary nature of successful machine learning applications in healthcare

Data Science of Health Informatics

Johns Hopkins University [27/10/2023]

City: Baltimore

Country: United States

Website: <https://www.coursera.org/>

Field(s) of study: Health Informatics

Link: <https://coursera.org/share/58009907f72d1cad76ecff8a116c27d8>

1. Understanding the role of **health informatics** in improving patient care.
2. Learning how **health data** contributes to translational research and quality improvement.
3. Dealing with the complexity of **health data**, considering the diverse types and sources.
4. Understanding the implications of data findings for patient treatment and **healthcare** practices.
5. Preparing for a deeper understanding of the impact of time on **clinical data** science analyses.

Developing AR/VR/MR/XR Apps with WebXR, Unity & Unreal

University of Michigan

City: Michigan

Country: United States

Website: <https://www.coursera.org/>

Field(s) of study: VR with Unity

1. Currently enrolled in the "Developing AR/VR/MR/XR Apps with WebXR, Unity & Unreal" course as part of the Extended Reality for Everybody Specialization.
2. Gain subject-matter expertise in AR/VR/MR/XR app development through a blend of theory
3. Develop a foundational understanding of key XR concepts and tools essential for advanced application development.
4. Emphasize ethical development by considering accessibility, privacy, and ethical implications in XR application creation.
5. Upon completion, receive a shareable career certificate validating skills in AR/VR/MR/XR app development with WebXR, Unity, and Unreal.

WORK EXPERIENCE

Web developer

Displayinsel [21/11/2023 – Current]

Address: Kniepenkamp 5, Ochtrup, Germany, 48607 Ochtrup (Germany)

Website: <https://displayinsel.de/>

Email address: info@displayinsel.de

Business or sector: Professional, scientific and technical activities

1. Continuously advancing proficiency in **Python** and the **Django** framework to develop cutting-edge, user-friendly web applications. Leveraging an in-depth understanding of human behavior to optimize the overall user experience.
2. Transitioned from an intern to a key contributor, taking on a **leadership** role within the development team.
3. Building on previous cultural insights, I have further embedded myself into the **European** professional environment.

Intern Web developer

Displayinsel [10/05/2023 – 15/11/2023]

Address: Kniepenkamp 5, Ochtrup, Germany, 48607 Ochtrup (Germany)

Website: <https://displayinsel.de/>

Email address: info@displayinsel.de

Business or sector: Other service activities

Link: <https://pdf.ac/2TzZLb>

1. Proficient in developing user-friendly **Web applications** using **Python** and **Django** framework, aligning with human behavior for optimal user experience.
2. Collaborated within a dynamic team of experienced **developers**, honing my skills under their mentorship.
3. Gained cultural insights by working in a **European professional environment**, adapting and incorporating these cultural nuances into my work.
4. Implemented **agile development** methodologies, fostering efficient and collaborative teamwork.
5. Demonstrated adaptability and a keen understanding of **European work culture**, contributing positively to team dynamics.

Python Developer Lead

Google Developer Student Club [11/2022 – 07/2023]

City: Islamabad

Country: Pakistan

Business or sector: Information and communication

Link: <https://pdf.ac/3h61IW>

1. Led **Google Developer Student Club**, empowering in **Python**, organized impactful webinars.
2. Spearheaded **Python related webinars**, enhanced practical skills.
3. Curated dynamic events, aiding **Google Developer Student Club** growth.
4. Fostering interactive **learning** and **discussions**.
5. Built **mentor-student network**, supportive tech ecosystem.
6. Demonstrated **leadership, communication, organization**.
7. Elevated **Google Developer Student Club's** rep with engaging events.
8. Enriched tech community, inclusive learning space.
9. Proficient: **Leadership, Communication, Artificial Intelligence, ML, Django, Python**.

PROJECTS

Web based Application for Urdu Speech Emotion Recognition System

[13/10/2022 – 25/07/2023]

1. Collaborated on **EmulationAI** project, an Australian AI company, amplifying global perspective and exposure to diverse applications of AI in addressing **human behavior** challenges
2. Developed web app using **Python/Django**, showcasing tech proficiency.
3. Focused on Urdu **speech emotion recognition**, linking tech with **human behavior**.
4. Applied complex algorithms for precise emotion detection, demonstrating analytical skills.
5. Real-world application with accuracy, echoing practical emphasis in program.
6. Blended linguistic-tech elements, bridging fields, vital in addressing **human behavior** challenges.

Sufian Mental Health Chatbot

[08/2023 – 12/2023]

1. Crafted a **Mental Health Chatbot** web application using **Python** and **Flask**, showcasing proficiency in developing responsive and secure platforms.
2. Implemented robust user authentication, registration, and login functionalities, highlighting a commitment to user **privacy** and **security**.
3. Leveraged **natural language processing** and machine learning techniques, showcasing a practical application of technology to address **human behavior** nuances.

4. Attained high accuracy in recognizing and classifying user inputs, demonstrating a keen understanding of **mental health-related queries** and **effective problem-solving** skills.
5. Illustrates a commitment to advancing **mental health solutions** through technology, aligning with the interdisciplinary nature of the master's program and its focus on understanding and impacting **human behavior**.

Link: <https://github.com/SufianAbid/Sufian-Mental-Chatbot>

Mental Health Chatbot Enhancement

[03/12/2023 – Current]

1. Actively engaged in expanding the existing data set of the **Mental Health Chatbot**, demonstrating a commitment to continuous improvement and refinement.
2. Working on enhancing the **training** of the chatbot with a more extensive data set, aiming for **improved accuracy** and nuanced understanding of **mental health-related queries**.
3. Employing **advanced algorithms** to refine the chatbot's capabilities, showcasing dedication to staying abreast of the latest technologies in **natural language processing** and machine learning.
4. Reflects a commitment to ongoing innovation in mental health technology, aligning with the forward-thinking and adaptive approach encouraged by the master's program in understanding and influencing **cyberspace behavior**.

HONOURS AND AWARDS

Certificate of Appreciation

Federal Urdu University of Arts, Science and Technology Islamabad [23/06/2023]

I was honored to receive a **Certificate of Appreciation** from the esteemed Head of the Computer Science Department, **Dr. Muhammad Shiraz**, at the **Federal Urdu University of Arts, Science and Technology in Islamabad**. This recognition symbolizes my unwavering commitment to academic excellence, as evidenced by achieving a perfect **4.0 GPA**, the highest in the entire batch. It reflects not only my dedication to maintaining high standards of learning but also my ability to consistently deliver exceptional results. This achievement underscores my commitment to excellence.

Link: <https://pdf.ac/3ebMXz>

DIGITAL SKILLS

Python / Django / Flask / Deep Learning / Machine Learning / Psychology / c# with unity3d / Fundamental of Artificial Intelligence / CSS / HTML / Java Script / PHP / C++ / Assembly Language

LANGUAGE SKILLS

Mother tongue(s): **Urdu** | **Panjabi; Punjabi**

Other language(s):

English

LISTENING B2 **READING** B2 **WRITING** B2

SPOKEN PRODUCTION B2 **SPOKEN INTERACTION** B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user
