

Ibrahim Rafiq

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EDUCATION

University of Arizona, School of Information(iSchool), Tucson, Arizona

Major: Bachelor of Science Information Science, Data Science Emphasis | **Minor:** Computer Science

May 2025

GPA: 3.225

Awards: Global Academic Excellence Award

August 2021

CORE TECHNOLOGIES & SKILLS

Technologies: Python, Java, JavaScript, SQL, R, HTML, CSS, Bootstrap, APIs, Web Development, UX Research & Prototyping Familiarity, Figma, R-Studio, WordPress, Artificial Intelligence, Microsoft Excel, Microsoft Word, Visual Studio, Jupyter, Pandas, matplotlib, NumPy, OpenCV, MediaPipe, Linux, Unix, Apache Airflow, Apache Kafka, NoSQL, Apache Spark, AWS, MongoDB, IBM Db2, Cassandra, stitch, Blend, ELT, ETL, Snowflake, GIT, Power BI, Data Engineering

PROFESSIONAL EXPERIENCE

Campus Health Services – University of Arizona, Tucson, Arizona

IT Assistant

May 2024 – Present

- Provided comprehensive technical assistance, resolving technology issues for staff and clients, ensuring minimal disruption to daily operations
- Successfully managed Zabbix for network monitoring, enhancing system performance and reliability through proactive issue identification and resolution.
- Performed efficient data handling and analysis, maintaining data integrity and supporting data-driven decision-making processes.
- Monitored website performance and ensured optimal uptime, enhancing user experience by implementing key UI/UX strategies.

FORGE- University of Arizona, Tucson, Arizona

Student Startup Resident

May 2024 – July 2024

- Developed a startup focused on creating an app that leverages AI algorithms for personalized trip planning, enabling users to join travel groups based on preferences.
- Designed and prototyped both the website and mobile application, ensuring a seamless user experience.
- Gained comprehensive knowledge of venture capital, including strategies for securing funding and attracting investors
- Created a compelling pitch deck to present to potential investors, successfully raising capital for the startup.
- Acquired an understanding of intellectual property laws and practices to protect innovative solutions.

The Global Tech Experience

Web Development Trainee

May 2023 – July 2023

- Used HTML, CSS, Bootstrap, and JavaScript to create dynamic websites and web apps and build games, calculators, and other interactive, fully functioning web experiences. Also made sure that they had a usable user interface.
- Improved, redesigned, and added features to existing code; debugged code written by myself and others, to improve the effectiveness and efficiency of the webpage.
- Read and utilized developer documentation, leading to improved proficiency in using software tools and libraries, enhanced troubleshooting skills, and the ability to develop webpages more efficiently.
- Conducted web development and explored UX research and digital product prototyping.
- Integrated third-party application programming interfaces (APIs) to improve web application functionality by incorporating external services and data sources through APIs.
- Successfully completed technical tasks by harnessing the collective knowledge and skills of a diverse, globally distributed team, contributing to project milestones and fostering a culture of collaboration.

AFFILIATIONS & LEADERSHIP

UNIVERSITY OF ARIZONA – UofA CS Club, Tucson, Az

Club Member

January 2023 – Present

- Worked on Club website, coding, design and implementing key features.
- Collaborated closely with cross-functional club members to develop and implement efficient and robust code solutions.