

Mohammed Umair Kaleem Khan

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Technologically advanced and results-driven individual with experience in software development, object-oriented design, data structures, and algorithms, along with a passion for building platforms and applications for improved company operations.

- ✓ Values innovation, great engineering, and amazing customer experiences. Skilled at developing innovative strategies for challenging problems, designing and coding the right solutions, and working with software engineers to deliver on the brand's promise. Engage in design/development engineering, including software requirements, design, analysis, and development.
- ✓ Quality-focused individual bringing a strong focus on "voice of the customer" into software development function to ensure product and customer success; craft multi-functional requirements and translate into practical engineering tasks.
- ✓ Transform ideas into cutting-edge technology products, deliver technical leadership from concept to product evaluation. Demonstrated excellence in producing incomparable results in systems engineering by leading cross-functional teams.
- ✓ Participate in technology projects; strategize and initiate tasks to align business goals with technical solutions and steer competitive advantage, process improvements, and bottom-line results. Skilled in testing/verification engineering, including software testing, simulation, traceability, and documentation.
- ✓ Performs well in high-pressure, fast-paced situations with patience, calm, and consummate professionalism. Interpersonal and collaborate communicator who translates complex concepts for non-technical audiences.

CORE QUALIFICATIONS

- Software Engineering
- Full Stack Development
- Requirements Gathering
- Project Management
- Testing & Debugging
- Effective Communication
- Process Improvement
- Validation & Maintenance
- Coding / Programming
- Deep Machine Learning
- Cross-functional Collaboration
- Websites & Applications
- Problem Resolution
- Analytical Problem Solving

TECHNICAL PROFICIENCIES

Programming Languages	Java, CSS3, C++, HTML5, JavaScript, Sass, React.js, Python, SQL
Web Development	Responsive Design, Bootstrap, Figma, Flexbox, DOM, API
Other	Microsoft Office, Word, PowerPoint, Excel, MySQL, HTTP, AJAX, JSON

EDUCATION

Bachelor of Computer Science, Dec 2023 – Southern Arkansas University

GPA of 4.0 | Two times in President's List | Coursework: Data Structures & Algorithms, High Level Language, Assembler & Machine Organization, Computer Architecture, Operating Systems, Data Modeling & Application, Theory of Computation

PROFESSIONAL EXPERIENCE

Esprit IT Technologies SOFTWARE ENGINEERING INTERN

June 2022 – July 2022

Spearhead development, validation, and maintenance of the application software for manufacturing end of line diagnostic tools and processes while pooling resources with professionals in-vehicle software. Facilitate 12 of colleagues to download and develop software in their laptops. Leverage tools and configurations like Monaco DTS8, XFlash software, CANape, and UDE for Domains.

- Executed regression testing using McLaren's examining results, and submitting observations to the development team.
- Improved 10 McLaren Artura cars software using vehicle diagnostic tools (e.g., VIN|ING, Corvus, etc.).
- Brainstormed innovative new ideas for the development of McLaren Artura cars.

Southern Arkansas University
TEACHER ASSISTANT

Oct 2022 – Present

Assisted primary teacher in ensuring understanding and quality learning in the classroom. Conducted meetings, assignments, and tests for the students.

- Taught 25 students in the absence of the primary teacher topics related to classes, functions, data types, and arrays.
- Led both private and group study sessions, requiring effective communication.
- Aided students with downloading and updating software like VS Code, C++, and MASM.

Here for the Hereafter

Dec 2020 – Present

ASSOCIATE DEVELOPER (VOLUNTEER)

Drove collaboration across teams using state-of-the-art tools such as Asana, Slack, G-Suite (G-drive, G-meets, etc.), and Clockify. Organized weekly sprint meetings while adhering to the Agile methodology to address any issues.

- Led the redesign of the NPO website, including improvements to the UI experience, an enhanced navbar, responsive web design, and a donation widget.
- Managed to raise \$60K for this non-profit organization to build a school.
- Joined forces with finance team, research, and marketing team to work in Agile methodology.

Southern Arkansas University
RESEARCH ASSISTANT

Oct 2021 – May 2022

Designed and built robust, readable, and reusable code components to deploy state-of-the-art deep learning and federated learning systems. Operated a neural network that deals with deep learning and concentrated in casualty in machine learning.

- Collaborated with a team of three to research about the neural networks and deep learning.
- Produced a paper by the end of the research work as well as facilitated co-workers in generating a paper related to detection of breast cancer using machine learning.
- Optimized work instructions and devised easy-to-use checklists for maximum productivity.
- Identified the deep learning of the casual inference by building, developing, and designing a code using CSV file.

PROJECTS**E-Commerce Website (Black Store)**

- Created a responsive and user-friendly E-commerce site, where we can list your products, add items to the cart, and upload new items. This website is built up by using JavaScript, HTML5, and CSS3. Designed a website visually appealing and easy to navigate, with a modern look and feel that uses the latest technologies.

RoboFriends

- An application using React.js framework and outside APIs to create a stateful web application is displayed here. Utilizes JSONPlaceholder APIs for information about users and RoboHash APIs for user images. Tachyons is used for styling the page. Built this web application using React.js which is simple yet responsive.

Tic-Tac-Toe (Game)

- The layout and design of the game were purely created using HTML & CSS but to make it fully functional I used JavaScript. An open block of nine squares is marked by up to two players with a diagonal, vertical, or horizontal row of three of one's mark before the other. The object is to complete the row before the other. It is a mobile friendly and has an option of switching to dark mode.

ACHIEVEMENTS & MEMBERSHIPS

Phi Theta Kappa (PTK) Membership

President's List – Fall 2020, Spring 2021, Fall 2021, Spring 2022

Huawei Technologies USA Inc. Annual Scholarship.

Collin College Foundation Scholarship.

Achievements Scholarship – Fall 2021