Muhammad Khan

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Education

Oklahoma State University - OSU *Aug. 2020 - May 2024*
Bachelor's of Science in Computer Science *Stillwater,OK, USA*
Minor in Mathematics GPA: 3.6

Awards and Recognition
President's Honor Role
The Honors College
Institute of Computer Science

Work experience

International Research Experiences in Design of Next Generation VR Simulation based Training Approaches Intern *May 2023 - July 2023*
Arts et Métiers - Image Institute *Chalon-sur-Saone, France*

- Head of "Training for the COVID-19 nasal swab in mixed reality and mixed reality with gamification"
- Developed training simulations for the Covid nasal swab in Unity in C-sharp.
- Deployed and tested created simulations on Microsoft HoloLens 2.
- Spearheaded a small team of developers/researchers to achieve time-sensitive task completions and data collection.
- Conducted trials of training simulations with nursing students in France.
- Provided a weekly report to the supervisor and presented research progress at the end of each month.

Computer Science Undergraduate Researcher *October 2022 - Present*
Oklahoma State University *Stillwater, Oklahoma*

- Created various virtual reality and mixed reality simulations.(more in the projects sections)
- Researched impacts of learning through virtual reality on kids with Autism.
- Reached out to local schools and communities to demonstrate simulations to younger children.
- Participated in research symposium to present current work to the faculty and students on campus.

Chemistry Undergraduate Researcher *January 2022 - January 2023*
Oklahoma State University *Stillwater, Oklahoma*

- Conducted research on Self-Assembling Mono-layers on gold films.
- Performed organic synthesis on gold films and collect ATR-FTIR data.
- Participated in research symposium to present current work to the faculty and students on campus.

Customer Service Associate *June 2021 - Present*
Target *Tulsa, Oklahoma*

- Addressed customer complaints and resolved issues promptly, ensuring customer satisfaction.
- Utilized inventory management systems to track and locate items for customers, demonstrating strong attention to detail.
- Processed online orders efficiently, meeting customers' needs and exceeding performance targets.

- Assisted customers with registry management, providing personalized recommendations and ensuring a seamless experience.

Courses

Differential Equations

Data Structure and Algorithm

Linear Algebra

Computer Systems

Machine Learning

Mathematical Modeling

Technical skills

Programming Languages   C, C++, Java, JavaScript, HTML, CSS, Python, C-Sharp

Leadership Skills

Decision-making

Problem-solving

Time Management

Team Building

Portfolio of most relevant projects

Virtual Reality	Training simulation for the NASA Airlock created in Unity for HoloLens 2
Virtual Reality	Training simulation for the Covid-19 swab technique created in Unity for HoloLens 2
Front-end	Currently working on Responsive Web Design Certification and JavaScript Algorithms and Data Structures Certifiaction