

Krish Panchigar

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Results-driven Computer Science and Artificial Intelligence student at the University of Sheffield, on track to receive a First-Class grade, eager to contribute to a dynamic software development team. Passionate about technology, with a strong foundation in programming, data analysis, and project management. Looking to apply technical skills and dedication to excel as a software development intern.

EDUCATION

MComp Computer Science Artificial Intelligence (Predicted First) – University of Sheffield 2022 – 2026

Relevant Modules: Introduction to Software Engineering; Foundations of Computer Science; Java Programming; Machines and Intelligence; Devices and Networks; Web and Internet Technology; Introduction to Algorithms and Data Structures; Data Driven Computing; Systems Design and Security; Robotics; Logic in Computer Science; Functional Programming; Automata, Computation and Complexity

Utpal Shanghavi Global School:

A Levels: Mathematics (A*), Physics (A), Chemistry (A), Information Technology (A) 2021

IGCSE: Mathematics (A*), Physics (A*), Chemistry (A*), Biology (A*), ICT (A*), First Language English (B) 2019

RELEVANT EXPERIENCE

TrainerGoesOnline, Mumbai, India - QA Tester February 2022 – June 2022

- Conducted testing on 14 newly developed websites, addressing 25% more issues compared to the previous testing process.
- Methodically documented issues with meticulous detail to facilitate effective communication with the development team.
- Formulated recommendations for website improvements based on identified issues, leading to enhanced user satisfaction and interaction.
- Managed simultaneous testing of multiple websites, each with unique development teams and requirements.
- Prioritized and scheduled testing activities to ensure comprehensive coverage of all websites within tight deadlines.
- Efficiently juggled multiple testing tasks, successfully meeting project milestones for different websites.

TECHNICAL SKILLS AND PROJECTS

Traffic Sign Recognition with Convolution Neural Networks

- Developed a Traffic Sign Recognition system using Convolutional Neural Networks to identify and categorize 43 traffic signs.
- Utilized Python and TensorFlow for model development.
- Enhanced data handling and fine-tuned neural network for optimal performance.
- Achieved a 92% accuracy, showcasing expertise in deep learning and image recognition.

Natural Language Processing - Sentence Parsing with Context-Free Grammar

- Explored the world of Natural Language Processing by creating a context-free grammar-based sentence parsing system.
- Implemented sentence structure analysis in Python using NLTK.
- Demonstrated a deep understanding of NLP principles, text processing, and grammar parsing.

Online Course Recommendation System (Group Project - University)

- ❑ Collaborated with a team to develop an Online Course Recommendation System using Ruby, Sinatra, and SQL.
- ❑ Employed Agile/Scrum methodologies to manage the project.
- ❑ Designed user-friendly registration and login mechanisms.
- ❑ Highlighted strong teamwork, project management, and full-stack development skills.

Football Dashboard (University Assignment)

- ❑ Created a comprehensive football player dashboard using Java and Java Swing for the UI.
- ❑ Implemented filters and radar charts to display player statistics.
- ❑ Showcased strong Java programming skills.

Global Engineering Challenge

- ❑ Collaborated with an interdisciplinary team to address flooding issues in Govan village.
- ❑ Delivered a presentation on the proposed solution.
- ❑ Highlighted teamwork, problem-solving, and presentation skills.

OTHER WORK EXPERIENCE

School of Maths and Statistics, University of Sheffield - Teaching Support Assistant September 2023 – Present

- ❑ Provided constructive feedback and assessments to undergraduate students, honing communication and evaluation skills.
- ❑ Collaborated with the Employability Team to integrate employable skills training, demonstrating teamwork and adaptability.
- ❑ Delivered written and verbal feedback on coursework submissions, adhering to guidelines, showcasing attention to detail and data analysis capabilities.

EMZ Lounge, Sheffield – Bartender October 2023 – Present

- ❑ Showcased excellent customer service and interpersonal skills in a fast-paced environment, highlighting communication and teamwork abilities.
- ❑ Efficiently managed orders, maintained a clean workspace, and upheld a positive dining experience, emphasizing organization and customer-centric focus.
- ❑ Handled cash transactions and operated POS systems, demonstrating financial acumen and technical competence.

Kumon Crookes Study Centre, Sheffield – Classroom Assistant January 2023 – May 2023

- ❑ Prepared engaging learning spaces, supported students, and contributed to effective teaching methods, showing organizational and teamwork skills.
- ❑ Managed classroom behaviour and maintained a positive atmosphere, demonstrating leadership and conflict resolution abilities.
- ❑ Oversaw efficient resource allocation in the "tablet study" department, showcasing management skills.

EXTRA CURRICULAR ACTIVITIES

- ❑ Led the organization and planning of my school's TEDx event, showcasing strong leadership and event management skills.
- ❑ Consistently challenging myself by reading and exploring various literary genres, fostering a curious and adaptable mindset.
- ❑ Collaborating with my flatmates to create a documentary series about British history.

REFERENCES

Available upon request