KRISHA KATHROTIYA

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PROFESSIONAL SUMMARY

Detail-oriented and motivated BSc student in Applied Computer Science with hands-on experience in full-stack web development, machine learning, and data analysis. Proven ability to lead and contribute to technical projects, with a strong foundation in software design, algorithms, and problem-solving. Seeking opportunities to apply technical and interpersonal skills in software development or data-driven environments.

EDUCATION

University of Winnipeg   Winnipeg, MB
Bachelor of Science in Applied Computer Science   *Sep 2022 – Present*

EXPERIENCE

Deli Associate   Jul 2024 – Present
Safeway (Sobeys Canada)   *Winnipeg, MB*
- Assist 50+ customers per shift with deli orders, ensuring high levels of customer satisfaction.
- Maintain compliance with food safety and hygiene standards, resulting in a clean and safe environment.

Sandwich Artist / Cashier   Dec 2022 – Apr 2024
Subway Restaurant   *Winnipeg, MB*
- Prepared custom sandwich orders efficiently while upholding hygiene protocols.
- Managed daily cash and POS transactions with accuracy and speed.

PROJECTS

Winni Guide | Full-Stack   *Ongoing*
- Built a full-stack app using Node.js, Express, MongoDB, and React to analyze local trends and deliver dynamic travel recommendations.
- Integrated RESTful APIs and user interaction features for scalable performance and improved UX.

Q-Learning Agent | NumPy, OpenAI Gym   *Mar 2024 – Jun 2024*
- Developed a reinforcement learning agent using Q-Learning to solve gridworld navigation tasks.
- Visualized performance trends and hyperparameter effects on learning outcomes.

Campus Navigation System (Hackathon - 2nd Place)   *Mar 2023*
- Designed an intuitive UI/UX in Figma and validated design through usability testing.
- Led front-end integration and collaborated with back-end and design teammates.

Titanic Dataset EDA | Python   *Jan 2023 – Apr 2023*
- Conducted EDA using pandas, matplotlib, and seaborn to explore relationships between variables and survival.
- Created dashboards and visualizations to highlight key insights.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, JavaScript, HTML/CSS, SQL, R

Frameworks/Tools: React, Node.js, Flask, FastAPI, JUnit, Docker, WordPress, Material-UI

Libraries: pandas, NumPy, matplotlib, seaborn, scikit-learn, OpenAI Gym

Cloud/DevOps: Git, Google Cloud, TravisCI, VS Code, PyCharm, IntelliJ, Eclipse

Design: Figma, usability testing tools