

Afnan Azad

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EDUCATION

Memorial University of Newfoundland

Bachelor of Science in Computer Science

St John's, NL

EXPERIENCE

Assistant Manager

Dec 2022 – Apr 2025

Cineplex

St John's, NL

- Managed tills, bank deposits, inventory orders, and daily reporting.
- Assisted the Manager with store operations and issue resolution.

Technical Support Specialist

Jan 2023 – Apr 2025

FoundEver

St John's, NL

- Supported 25+ customers daily with plan upgrades, network issues, and account services for Chatr, Rogers, and Fido Prepaid.
- Facilitated communication between departments and retailers to resolve customer concerns efficiently.

PROJECTS

Robotic Manipulator Arm (ROS-Based 5-DOF Control System) | *COMP 3766 – Intro to Robotic Manipulation*

- Designed a 5-degree-of-freedom robotic arm using Python, ROS 2, and custom kinematic models.
- Implemented forward and inverse kinematics and integrated them into a ROS simulation environment.
- Created URDF models, joint controllers, and ROS publishers/subscribers for motion control.
- Built a user-controlled demo for inputting joint angles or coordinates to generate trajectories.

DataPrep360 – Weather Data Cleaning & Regression Pipeline | *COMP 3400 – Data Preparation Techniques*

- Analyzed real-world precipitation data using Python, pandas, NumPy, and Matplotlib.
- Performed data cleaning, feature selection, and outlier removal to prepare the dataset.
- Engineered new features such as rolling averages and humidity-weighted precipitation scores.
- Built and evaluated a linear regression model using RMSE and MAE performance metrics.