

# Afnan Azad

709-330-1828 | [aiazad@mun.ca](mailto:aiazad@mun.ca) | [linkedin.com/in/afnan-azad](https://linkedin.com/in/afnan-azad) | [github.com/afnan](https://github.com/afnan) | [Portfolio](#) | Pronouns : He/Him/They/Zir

## EDUCATION

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### Memorial University of Newfoundland

*Bachelor of Science in Computer Science*

*St John's, NL*

## EXPERIENCE

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### Assistant Manager

*Cineplex*

Dec 2022 – Apr 2025

*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

*FoundEver*

Jan 2023 – Apr 2025

*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

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### 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.