

TARANPREET SINGH

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EDUCATION

Memorial University of Newfoundland

- Bachelor of Science with a major in Computer Science and a minor in Mathematics.
- Faculty of Science **Dean's List 2021-22, 2022-23.**
- The Memorial University of Newfoundland International Entrance Scholarship.

St John's, NL
Sept 2021-Present

TECHNICAL SKILLS

- Proficient in programming languages: Java, **Python**, Kotlin, Dart, C/C++.
- Skilled in Data Architecture, Database Design, **SQL**, JSON, DBMS, DOCKER, Linux, **Azure**.
- Skilled in **Android/iOS Development**, **DSA**, **Flutter** and Front-end Technologies (JavaScript, **Angular**, HTML, CSS).

PROJECTS

SocialMedia (<https://github.com/TaranPannu/SocialMedia>)

- SocialMedia is a native Android app developed using **Java**, **Kotlin**, **XML**, and object-oriented programming (**OOP**) principles, with Firebase serving as the backend server.
- Implemented features such as group chat, post sharing, and messaging for improved social connectivity.

WeatherApp (<https://github.com/TaranPannu/Weather>)

- Created an Android app that utilizes **Recycler View** to display weather data.
- Integrated API calls and utilized the **Volley Library** for data fetching

Ride_Share

- Ride_Share is a mobile app that utilizes Flutter and Dart, with a Firebase backend, to enable seamless cross-platform functionality for **iOS**, **Android**, and **Chrome**.
- Ride_Share is connecting people without charging any fees, introducing a new concept where passengers offer money to drivers instead of the drivers charging fares.

WORK EXPERIENCE

Memorial University of Newfoundland (Computer Science Help Centre Tutor)

St John's, NL
Jan 2023-April 2023

- Tutored students in Java, Python, Discrete Mathematics, and other coursework-related topics, ensuring their progress and providing valuable feedback to maximize their learning experience.
- Demonstrated exceptional communication skills by effectively explaining complex course material to students, facilitating their understanding.

DIAG LAB'S (Data Quality Assurance Analyst)

St John's, NL
May 2023-present

- Utilized software engineering expertise to assist the Data and Image Analysis Group (DIAG) in automating medical image analysis and computational anatomy.
- Enabled efficient medical image analysis through coding expertise, ensuring data quality, accurate segmentation, and statistical reporting.

UArctic Research Assistant

May 2023-present

- Demonstrated ability to utilize advanced research and data analysis techniques, leveraging computer science expertise to contribute to the successful administration and evaluation of a national, federally funded project.

Paladin Security(Security officer)

*St John's, NL
Jan 2023-present*

- Providing exceptional customer service to patients, visitors, and staff.
- Respond to emergencies and incidents in a prompt and professional manner.
- Conduct regular patrols of the facility to identify and address potential security risks.
- Monitor CCTV, alarms, and access control systems to ensure a safe and secure environment.
- Demonstrating excellent attention to detail by completing daily reports and maintaining accurate records of all security-related incidents and activities.

WENDY'S (Crew Member)

*St John's, NL
November 2021-present*

- Adhered to the quality and work standards of the chain.
- **Installing and configuring hardware**, software, systems, and networks.
- **Operating essential machinery such as printers, scanners, and copiers.**
- Handled customers complaints promptly and professionally
- **Co-ordinated** with crew members effectively to ensure smooth operations.
- **Managing and leading** a team with a great atmosphere.