

# Mudassir Mirza

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## EDUCATION

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### Bachelor of Computer Science

April 2022

Carleton University, Ottawa, ON

- Deans' Honour List 2021/2022

## TECHNICAL SKILLS

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**Programming languages:** JavaScript, TypeScript, Java, Python, SQL, C, Bash, HTML, CSS/SCSS

**Tools/Frameworks:** React, Git, MySQL, SQLite, MongoDB, Android Studio

## PROJECTS

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### Spacestagram

- Built an Instagram clone for users to like, unlike, and view images from the NASA Astronomy Picture of the Day Archive
- Consumed the NASA APOD API using Axios to display images chronologically
- Created a custom React card component styled with SCSS to display information from the Astronomy Picture of the Day Archive
- Implemented infinite scrolling and lazy loading using the Intersection Observer API

### One for All

- Designed and developed an Android application that combines the catalogue of popular media streaming services such as Netflix, Amazon Prime Video, and Spotify
- Used object-oriented programming principles to create a mobile application with Java in Android Studio
- Retrieved movie and TV show data by consuming public APIs of popular media streaming services provided by RapidAPI
- Collaborated in a team of four following SCRUM methodology to meet deadlines and ensure synchronization among team members

### CompShop

- Created a PC gaming eCommerce web application for users to log in, view orders, add and remove products from their cart, and checkout
- Used the PayPal REST API to authenticate the user, add the PayPal payment method, and authorize the payment
- Populated a MongoDB database with user and product information by executing an idempotent script using Node.js

### MoviesDB

- Created a database with SQLite containing tables for movies, genres, actors, directors, and production companies
- Used an idempotent SQL script to populate the database with tables and values scraped from IMDb
- Wrote SQL queries to retrieve movies an actor starred in, movies directed by a director, and characters played by an actor

## WORK EXPERIENCE

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### Handyman

July 2020 - October 2021

Military Maintenance, Mississauga, ON

- Worked directly with clients to assess residential properties for repairs
- Used problem-solving skills to repair and maintain residential properties to the client's standard