

# Aikamdeep Malhotra

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## Education

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### Bachelor's in Software Engineering (4<sup>th</sup> year)

University of Western Ontario, London ON

September 2019-Present

- Dean's Honor List (**GPA: 3.7/4.0**)
- **Relevant Courses:** Software Design, Database Management Systems, Algorithms & Data Structures, Software Requirements & Analysis, Software Project & Process Management, Business Analysis for Engineers

## Work Experience

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### Application Developer

Equestrian Show Manager, Remote

May 2021-Present

- Working with an experienced team to develop **Full-Stack** features for company's show management software using **Scrum Agile Methodology** to rapidly iterate
- Addressing regular production bugs and improvements in the existing **Ruby** application using **Jira Software** to prioritize requirements
- Using Rails Internationalization (**I18n**) library for interpolation and creating custom localizations to build application in English and French; initial release increased customer satisfaction by over **60%**

### Manager on Duty

Loblaw Companies Ltd, London ON

April 2019-September 2020

- Maintained excellent customer relations by ensuring the provision of efficient and friendly service at all times
- Managed and lead on average **50 employees** to work as a team and strive towards company goals
- Handled customer emergencies and complaints in the absence of store managers

## Skills

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- Languages: **JavaScript, Ruby, Java, C# & Python**
- Web Frameworks & Libraries: **Ruby on Rails, .NET Framework, React, React Native & Express**
- Databases: **PostgreSQL, MySQL, Microsoft SQL Server & MongoDB**
- Software Version Control System: **Git**
- Strong Knowledge & Command of **Object-Oriented Methodologies, Software Design Patterns & UML**
- **D.E.L.F. B2** Certificate in French

## Projects

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### Database Management System Web Interface

September 2021-December 2021

- Created a list of design constraints/objectives with a team and built a relational schema in **BCNF form** to meet project requirements
- Designed a web interface using **Node.js** showcasing various complex **SQL functionalities** including **Triggers, Transactions, Views, and Procedures**
- Languages/Tools: **Node.js, Express, React, MySQL & NPM**

### Unity Project

January 2021-April 2021

- Created various functions for simulation components, movement systems and PhysX integration tasks
- Used **Unity Animator** to design and implement custom animations for various character movements
- Languages/Tools: **Unity, C# & External Libraries (DLLs)**