

## ADAM SCHROFEL

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### EDUCATION

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#### Honours B.Sc. Applied Computer Science

University of Winnipeg

2025

Winnipeg, MB

**Relevant Coursework:** Data Structures & Algorithms, Advanced Database Systems, Advanced Internet Programming, Computer Architecture and Systems Software, Software Architecture, Machine Learning, HCI

**Languages:** Java, JavaScript/TypeScript, Python, SQL

**Frameworks & Tools:** React, Express, NodeJS, Azure, PostgreSQL, VS Code, MongoDB, Figma

### PROJECTS

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#### Senior Software Project, Azure ETL Data Warehouse (Elantra)

Sep 2024-Apr 2025

*Lead System Analyst & Product Owner*

- Designed and implemented a scalable ETL pipeline using Azure Data Factory, MySQL, Databricks, and Azure SQL.
- Developed schema design, transformation logic, and query generation to support nightly ingestion from multiple university databases.
- Facilitated sprint planning, requirements gathering, and developer coordination following Agile methodology.
- Tools: Azure, MySQL, Databricks, React (internal dashboards), Figma, Jira, DBeaver

#### Research Project, Ganceable Interfaces Literature Review

Jan 2025 – Apr 2025

- Analyzed over 60 papers involving HCI, visualization, and interface performance regarding glanceability.
- Designed extensive codebook, performed iterative paired coding, and synthesized insights for publication.

### EXPERIENCE

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#### Floor Manager, Bartender/Server

Seasonal, 2024-Present

*The Beer Can, Winnipeg, MB*

- Managed daily operations and staff, while providing efficient service in a high-volume outdoor setting.
- Utilized POS systems (Square, Backbar) for orders and product adjustments.
- Cultivated strong relationships with local breweries and reps through frequent B2B interactions, supporting industry partnerships and collaboration.

#### Bartender

Nov 2021-Present

*Shark Club Sports Bar & Grill, Winnipeg, MB*

- Efficiently handled high-volume sales nights while working with a team of 5-8 bartenders.
- Excelled in a fast-paced, high-pressure environment delivering exceptional customer service and maintaining high quality standards.

#### Operations Manager

May 2018-March 2024

*Clean and Tidy Cleaning Co., Winnipeg, MB*

- Managed staff, equipment, and cleaning contracts.
- Developed professional client-facing communication and operational oversight.

### REFERENCES

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Bradley Rey PhD, Assistant Professor | University of Winnipeg | 204-786-9378 | [b.rey@uwinnipeg.ca](mailto:b.rey@uwinnipeg.ca)

Jon Dueck, Former General Manager | Shark Club Sports Bar & Grill | (204) 770-8028 | [jdueck204@gmail.com](mailto:jdueck204@gmail.com)

Mackenzie Jeffrey, General Manager | The Beer Can | (204) 558-3640 | [mackenzie@thebeercanwpg.ca](mailto:mackenzie@thebeercanwpg.ca)