

# Harsh Shah

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## SKILLS

- Power BI (DAX, Power Query, Service), SQL (joins, CTEs, window functions), Python (pandas) for analysis and automation
- Data validation & QA, scheduled refresh, dataset governance in Power BI, Postman & REST APIs
- Dimensional data modeling (star schema) for analytics-ready datasets,
- Procurement tools: SAP Ariba (report extracts), SharePoint, Lists, Excel, Power Apps, Oracle
- Strong verbal and written communication, project management, cross-team communication skills, adaptability, attention to detail, teamwork, ability to work independently

## EDUCATION

Bachelor of Science in Computer Science

September 2023-Present

University of Calgary, Calgary, AB

- Awards: First Year Scholars, UCalgary Entrance Scholarship
- Undergraduate researcher at Human Interactions Lab

## WORK EXPERIENCE

### Supply Chain Intern

May 2025- August 2025

City of Calgary, Calgary, Alberta

- Built Power BI dashboards for supplier risk analytics and spend insights
- Automated procurement alerts using Power Automate and AI agents
- Developed Python + Power Apps scheduling app for emergency timesheet submissions
- Integrated data via Postman & REST APIs; optimized SQL pipelines for procurement

### Casino Dealer

October 2023 – Present

Cowboys Casino, Calgary, Alberta

- Facilitated table games in a high-pressure environment, demonstrating strong focus and professionalism

### Event Coordinator

September 2023 - Present

Happy Go Lucky Casino, Calgary

- Coordinated logistics and schedules for casino events with 100+ attendees
- Collaborated with vendors and teams to streamline operations and improve event flow

## PROJECTS

### Construction Delivery Methodology – Excel, Power Apps

- Developed a construction delivery methodology using Excel and Power Apps
- Streamlined project tracking and creating a reusable framework for future City of Calgary projects

### Automated Procurement Risk Analysis Tool – Power Automate, Power BI, Python

- Designed an end-to-end risk analysis tool integrating real-time data pipelines with Power BI dashboards, improving supplier risk visibility for leadership.

### Online Marketplace for Buying & Selling Used Books – MySQL, Python, HTML, CSS, JavaScript

- Improved search time by 25%; built data visualizations and behavior analytics pipeline

### Self-Checkout System - Java, JUnit, Trello, GUI

- Led a team of 25 developers in designing a fully functional self-checkout system using Java & GUI
- Ensured 100% code coverage using JUnit tests and used Trello for project management

## LEADERSHIP

- VP Finance – Data Science & Machine Learning Club, UCalgary
- Vice President – University of Calgary Cricket Association
- Volunteer – United Way Campaign, City of Calgary

## Certifications

- Google Data Analytics, Power BI, SQL for Data Science (Coursera/Udemy)
- SAP Ariba Procurement & Power Automate (City of Calgary)