

# GURKEERAT KAKAR

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## Experience

<b>Research Assistant</b> <b>University of Alberta</b>	<b>09/2025 to Current</b> <b>Edmonton, Alberta</b>
<ul style="list-style-type: none"><li>Cleaning &amp; Analyzing large-scale household survey data using <b>RStudio</b> to explore rural-urban divides, regional disparities, and socioeconomic dimensions.</li><li>Building <b>spatial visualizations and interactive dashboards</b> (choropleth maps, trend plots etc.) to showcase regional and socio-economic inequalities.</li><li>Producing <b>policy-relevant insights</b>, identifying clusters and patterns of deprivation, and translating complex data into evidence-based findings for decision-making.</li></ul>	
<b>Data/Business Analyst Intern</b> <b>Skill-Up Technologies</b>	<b>02/2025 to 07/2025</b> <b>Bellevue, Washington</b>
<ul style="list-style-type: none"><li><b>Built and automated reporting workflows with MySQL and Power BI</b>, reducing manual preparation time by 30% and delivering actionable insights to both technical and non-technical stakeholders.</li><li>Partnered with management to <b>define key performance indicators (KPIs)</b>, uncover data quality issues, and streamline reporting pipelines, resulting in more reliable and consistent business metrics.</li><li><b>Designed and deployed an interactive Power BI dashboard</b> to monitor user enrollments and course completions, using <b>Power Query and DAX</b>.</li><li>Analyzed engagement trends through <b>visual analytics and user segmentation</b>, driving <b>~20% growth</b> in user interaction, higher course enrollments &amp; completions, and increased login frequency and session duration.</li></ul>	
<b>Sales Associate</b> <b>JD Sports</b>	<b>06/2024 to 09/2024</b> <b>Edmonton, Alberta</b>
<ul style="list-style-type: none"><li>Applied <b>active listening and needs assessment</b> to recommend tailored solutions, enhancing customer satisfaction, and driving sales conversions.</li><li>Utilized <b>problem-solving, and customer service skills</b> to process transactions efficiently, address inquiries, and build lasting customer relationships that foster repeat business and trust.</li></ul>	
<b>Line Cook</b> <b>Cactus Club Cafe</b>	<b>05/2024 to 09/2024</b> <b>Edmonton, Alberta</b>
<ul style="list-style-type: none"><li>Coordinated prep and cooking schedules in a fast-paced kitchen, showcasing <b>time management, teamwork, and adaptability</b> during peak service hours.</li><li>Delivered consistently well-presented dishes by combining <b>attention to detail, quality control</b>, knowledge of <b>culinary trends, and safety standards</b>.</li></ul>	

## Education

<b>Bachelor of Science: Computing Science Specialization</b> University of Alberta	<b>Expected in 12/2026</b> Edmonton, AB
<ul style="list-style-type: none"><li>Pursuing Certificates in <b>Applied Data Science and CILS</b> Interdisciplinary Leadership.</li><li><b>UASU Award</b> recipient for <b>Global Connection</b>, fostering inclusion and intercultural campus engagement.</li><li>Enrolled in University's <b>Science Internship (Co-op)</b> Program, with eligibility for 6-12 month full-time work terms.</li></ul>	
<b>High School Diploma</b> Delhi Public School Noida	<b>07/2022</b> Uttar Pradesh, India
<ul style="list-style-type: none"><li>Graduated as a Scholarship Recipient in Engineering Sciences and Spanish as a third language.</li><li>Actively participated in Model United Nations (MUN) Debates, Dramatics, and represented the school at various Interschool Soccer tournaments.</li></ul>	

## Collaborated Projects

<b>JTI Business Analytics Dashboard</b> <i>Tableau, Excel, Python Libraries</i>
<ul style="list-style-type: none"><li>Cleaned and integrated multi-table datasets using <b>Pandas</b> and <b>NumPy</b>, for analysis and visualization in <b>Tableau</b>.</li><li>Created interactive dashboards highlighting <b>revenue trends, repair frequency, customer distribution</b>, and <b>employee performance</b>.</li></ul>

## Twitter-Like Social Media Platform

Python, SQL, CLI, DBMS

- Implemented and optimized **SQL queries** for user authentication, post retrieval, and data integrity, ensuring efficient database operations.
- Collaborated on **testing and debugging** across all modules, and maintained **GitHub project coordination** through shared documentation and code commit

## LuckySpot – Lottery-Based Event Management App

Java, Firebase, Android Studio, GitHub CI

- Co-developing an Android app that enables fair event participation through a lottery-based system with roles for Entrants, Organizers, and Admins.
- Collaborated using Agile sprints, GitHub version control, and documented deliverables (test cases, CRC cards, and storyboards).

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## Skills

- **Programming & Analytics:** Python (Pandas, NumPy, Matplotlib), R, SQL, C
- **Data Visualization:** Power BI, Tableau & Excel for dashboard design, KPI tracking, and storytelling through data
- **Data Modelling & Management:** SQL integration for RDBMS, schema modelling
- **Data Processing:** Cleaning, wrangling, transformation, and integration of multi-source datasets for analysis
- **Statistical & Predictive Analysis:** Exploratory Data Analysis (EDA), A/B Testing, Time Series, and Hypothesis Testing
- **Professional Strengths:** Analytical mindset, detail-oriented communicator, and collaborative problem solver
- Built strong **customer service** and **culinary skills** from sales interactions and high-end line cooking experience.

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## Certifications

- **HackerRank Python Skill Certification**
- **Data Visualization with Power BI**
- **Data Visualization using Tableau**
- **DUCAT Core Python** certification- Basic Python experience.
- **TOEFL certification**- Excelled with a score of 104 out of 120
- **SafeCheck® Advanced Food Safety Certification**

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## Leadership & Volunteering Roles

### Public Relations Associate

Network of Applied Technology (NAT) | Jan 2025 - Oct 2025

- Advocate for the organization by engaging with policymakers, **building media partnerships**, and crafting strategic communications.
- Gaining hands-on experience in PR, **stakeholder engagement**, and building valuable connections.

### Vice President Internal

International Student Association - University of Alberta | May 2024 - May 2025

- Revived the **I-Card program**, providing student discounts and easing cost-of-living burdens for international students.
- Restructured UAISA's internal departments to improve collaboration, continuity, and volunteer engagement.
- Proposed and supported mental wellness workshops addressing homesickness, academic pressure, and cultural adjustment.

### International Student Representative

Recreation Advisory Council - University of Alberta | Oct 2023 - May 2024

- Advocated and strategized for greater accessibility and cultural inclusivity in campus recreation programs and student spaces.
- Collaborated with university staff to identify and address barriers international students face in co-curricular and wellness participation