

Anna Zhou

linkedin.com/in/anna-zhou-syde | 416-303-0068 | zhoua4573@outlook.com | <https://github.com/AnnasBeef>

EDUCATION

University of Waterloo

System Design Engineering Honors BAsC

Relevant Coursework: Circuits & Control System Lab; Machine Learning; Probability & Statistics; Data Structures & Algorithms

Waterloo, ON

Expected April 2027

UNIVERSITY PROJECTS

SaveMoneyLiveBeef: LLM-Driven Price Analysis Engine

Feb 2026

- Built scalable web scraping pipeline to extract structured metadata from 1,000+ web pages
- Designed end-to-end local knowledge indexing pipeline using LLaMA and vector embeddings
- Implemented automated parsing, cleaning, and normalization workflows for downstream analysis
- Integrated LLM API for semantic enrichment and structured response generation
- Designed modular architecture for batch processing and evaluation

WORK EXPERIENCE

Flosports

Waterloo, ON

Systems Engineer Intern

Sept 2025 – Dec 2025

Built an automated Google Workspace offboarding system using Python scripting

- Awarded Best Intern Project ~\$54,000 in annual license savings
- Designed and implemented a streamlined, automated workflow that eliminated ~90% of manual offboarding work
- Configured permissions on Google Cloud for API access and documented
- Improved security and scalability by enforcing a consistent, automated sequence for Vault exports, Drive archiving, and account cleanup
- Documented automation workflows in Confluence to support IT knowledge transfer

Provided end-to-end IT support by leading Jira service tickets, onboarding IT assets, troubleshooting systems, and supporting security initiatives.

- Led end-to-end IT lifecycle operations project, managing device provisioning, identity access control (Okta SSO), and enterprise connectivity support across multiple offices.

TAO Solutions

Toronto, ON

IT Systems Engineer Intern

May 2024 – Aug 2024

- Configured and validated MSSQL Server instances, supporting database connectivity and SQL-based troubleshooting
- Managed enterprise identity operations across Active Directory and Google Workspace, enforcing RBAC and MFA policies
- Supported infrastructure deployments including VM provisioning, firewall updates, and secure remote access

Department of National Defense

Ottawa, ON

IT Support Intern

Sept 2023 – Dec 2023

Designed and implemented a secure network and infrastructure operations for Mapping and Charting Establishment

- Configuring optical switch connections to LAN drops and contributing to optimized CAD layouts to improve system security
- Maintained and upgraded server and storage environments running Windows Server in VMWare
- Replaced storage drives and worked to restore network availability
- Supported IAM and endpoint security with Active Directory users, MDM profiles, and regular malware scanning and patches
- Performed troubleshooting on connections through manual network selector switches for endpoint devices.

Pepsico

Peterborough, ON

Project Manager Intern

Dec 2023 – Apr 2023

Scoped and managed a 136KW solar project for our high-energy consumption factory,

- Automated CARs using VBA to write the POs, CAR (Corrective Action Request), and closure checklists that led to 10 min reduction per task for PMs
- Internal Rate of Return of 9%.
- Used AutoCAD to develop detailed engineering drawings.
- Conducted site visits to assess existing conditions and collaborated with Floor workers

ADDITIONAL

Languages: Python, SQL, JavaScript, Bash, PowerShell

AI for Productivity: OpenAI API Integration, LLM Summarization/Extraction, RAG, Process Automation (Power Platform), Pandas/NumPy, REST APIs, Git, Technical Documentation