

AHMAD MUNIM

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EDUCATION

Bachelor of Science, Computer Science (Honours)

University of Windsor

Windsor, ON

Sep. 2021 – Apr. 2025

- Part of the Outstanding Scholars Program, an honor awarded to 1% of students with exceptional academics
- **Coursework:** Software Engineering, Data Analytics, Databases, AI/ML, Data Structures & Algorithms

TECHNICAL SKILLS

Languages: Python, SQL, HTML/CSS, PHP

Frameworks: MongoDB, Supabase, Matplotlib, Pandas, Wordpress

Data Engineering: Data Cleaning, Validation & Transformation, ETL Pipelines, Data Ingestion, Dataset Processing

Technologies: Git, AWS, n8n, Docker, Postman, Linux, Cloudflare

Soft Skills: Communication, Teamwork, Problem-solving, Detail-oriented

EXPERIENCE

Web Consultant

WIA

Apr 2026 – Present

Windsor, ON

- Developed a cost reduction strategy recommending migration from GoDaddy to Hostinger + Cloudflare, projecting savings of over \$1,000 in annual hosting
- Developed a unified portal page to centralize navigation across 5+ WIA websites

Data Engineer

Scelta

Sep 2025 – Nov 2025

Windsor, ON

- Built, tested & deployed parsing and chunking stages in an AI RAG (Retrieval-Augmented Generation) pipeline
- Architected and refactored a document ingestion and processing pipeline, supporting reliable uploads and processing of 100+ page documents
- Automated metadata extraction and insertion into Supabase, improving data traceability & consistency by 40%
- Implemented deletion triggers in Supabase to remove old embeddings and chunks, reducing database noise by 50% and ensuring retrieval of correct documents

Data Engineering Intern

University of Windsor, WECCC

Sep. 2022 – Dec 2024

Windsor, ON

- Increased data migration speed by 40% by scripting a data pipeline to automate the migration of 1200+ user profiles
- Performed API-driven data mining on 10+ legacy datasets to identify relevant survey fields and filter obsolete data
- Built a test pipeline that performs field-level and NoSQL document matching, ensuring 100% of 3000+ migrated records passed all validation checks

PROJECTS

Apriori & MinHash Optimization | Python, Pandas, Matplotlib

Apr 2025

- Implemented Trie-based Apriori and Weighted MinHash models to address memory inefficiencies and semantic limitations
- Achieved up to 35% reduction in memory usage compared to baseline Apriori on the Groceries dataset
- Compared 250 review pairs across 1,000 samples to show Weighted MinHash retrieves more sentimentally relevant matches

EXTRACURRICULARS

Treasurer

UWindsor Computer Science Society

May. 2024 – Apr 2025

Windsor, ON

- Led financial planning and budgeting of \$60K in funds to support key initiatives and events while representing the interests of 1000+ students

Event Coordinator

UWindsor Computer Science Society

May 2023 – Apr 2024

Windsor, ON

- Planned & hosted events and workshops with the diverse preferences of students, resulting in a turnout of 50+ attendees in events

AWARDS & CERTIFICATES

CS Games 2025 | *Top 5 Placement - Data Engineering*

2025

Oracle | *Oracle Certified Associate: Java SE 8 Programmer*

2021