

Connor Haines

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EDUCATION

Western University | London, ON (Dean's List)

Sept. 2018 –
April 2023

- Honours Specialization in Computer Science (Bachelor of Science)
- Minor in Software Engineering

TECHNICAL SKILLS

- C++, Java, C, JavaScript / React, Python, MySQL, Cassandra, MongoDB, Solr, Kubernetes, OpenAI GPT
- REST APIs, Microservices, ETL Systems, Unit Testing, Kafka, Redis, Maven, Agile Methodologies

WORK EXPERIENCE

J.D. Power | Common Product Platform, Autodata Solutions Division

Intermediate Software Developer

March 2024
– Present

- Technical Lead for backend VIN description deliverables serving 300 QPS, demonstrating effective communication with stakeholders while managing high-priority tasks to ensure project success
- Key member of an agile team developing and maintaining 50+ Java Spring Boot microservices, high throughput ETL systems, and utilities supporting product teams across the organization
- Spearheading the design and implementation of critical monitoring systems and new products, contributing to team success in meeting project deadlines and ensuring high-quality deliverables
- Providing rotating on-call support, minimizing downtime by monitoring weekly deployments, performance dashboards, and addressing urgent system health alerts

Junior Software Developer

June 2023 –
March 2024

- Led the development of an innovative R&D initiative leveraging Azure OpenAI Service to improve bulk data ingress efficiency by 300%, and presenting findings to C-suite executives
- Effectively onboarded 6 new team members on codebase and dataflow intricacies, development methodologies, testing standards, and deployment processes

Software Development Intern (16 Months)

May 2021 –
Aug. 2022

- Engaged in high-visibility software development activities and code reviews, while serving as the primary CI/CD contact for dozens of products using Kubernetes, Docker, and Jenkins

Western Technology Services | Western University

Digital Media Developer

June 2020 –
April 2021

- Developed interactive learning modules for Western University's Learning Management System, which has over 30,000 daily users, gaining valuable skills in Customer Service and QA

PROJECTS

Automated AI Data Ingestion | J.D. Power

Aug. 2023 –
Nov. 2023

- Researched and developed a functional prototype using Azure OpenAI Service for automatic parsing of vehicle order guide data into specified data structures, reducing import times by 300%

AR Visualization of Neurovascular Aneurysm | VASST Laboratory at Robarts Research Institute

Sept. 2022 –
Mar. 2023

- Developed augmented reality platform using Azure Spatial Anchors, enabling clinicians to visualize 3D medical imaging on multiple HoloLens 2 devices sharing a localized coordinate and interaction system

Internal Data Tracing Tool | J.D. Power

Jan. 2022 –
Aug. 2022

- Designed a full stack data tracing tool for engineering teams, improving investigation times by 200%
- Developed UI, REST API, and microservice leveraging Kafka to interface with multiple ETL processors

ACHIEVEMENTS / INTERESTS

- PADI Open Water Diver Certification (2023)
- Under Armour Spring Run-Off (2020) — 8 km
- Fanshawe Dragon Boat Festival (2019 Cancer Fundraiser)
- Marathon-by-the-Sea, NB (2015) — 5 km
- Kid's Day Camp Volunteer (2013 – 2018)
- Photography, Scuba Diving, Snowboarding, Golf