

Darryl Du

Software Engineering Student

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EDUCATION

BACHELOR OF ENGINEERING, SOFTWARE ENGINEERING
École de technologie supérieure (ÉTS) 2023-Present
Montréal, QC

DIPLOMA OF COLLEGIAL STUDIES, COMPUTER SCIENCE
LaSalle College 2020-2023
Montréal, QC

PROFESSIONAL EXPERIENCE

CLINIA Montreal, QC

Jan 2024 – Apr 2024

Data Acquisition Intern

- Developed and maintained data connectors for medical clinic information (ETL pipelines) using C#.
- Built web crawlers with TypeScript to extract medical journal datasets for machine learning applications.
- Enhanced their BeActive website and Slack bot (Strava integration) by implementing new features and resolving bugs.
- Performed data quality assurance (QA) to validate data ingestion into the company's data lake using tools such as JSON Viewer and Apache Airflow.

TELUS HEALTH Montreal, QC

Apr 2023 – Aug 2023

Enterprise Data Collections Intern

- Contributed to full-stack development using Angular, TypeScript, and MongoDB.
- Implemented and debugged frontend features, ensuring compliance with WCAG accessibility standards.
- Designed and maintained backend services and REST APIs, including new feature development and bug fixes.

ADDITIONAL INFORMATION

- Languages: French (Native), English (Native), Vietnamese (Limited working proficiency)
- Soft Skills: Effective communicator; skilled in workload prioritization, teamwork, adaptability, and analytical problem-solving
- Program & Project Management: Agile methodologies, SDLC, sprint planning, resource allocation, Linear, Azure Boards, code review participation
- Technical Skills & Tools:
 - Programming & Development: C#, Java, Python, C, Swift, Kotlin, TypeScript, JavaScript, Angular, HTML/CSS, PL/SQL
 - Data Engineering & QA: ETL pipeline development (C#), web scraping/crawling (TypeScript), Apache Airflow, JSON Viewer, data validation/QA
 - Web & Application Development: Full-stack development (Angular, TypeScript, MongoDB), REST API design and maintenance, WCAG accessibility compliance Collaboration & Version Control: Git, agile workflows, cross-functional teamwork, debugging, feature deployment