

Michelle Feng
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EXPERIENCE

FactSet Research Systems

Toronto, ON

Senior Data Integration Specialist

Oct 2025 – Current

- Led the design and implementation of an AI-powered solution to automate large-scale code validation and cleanup, improving efficiency, accuracy, and maintainability across internal scripting workflows
- Led 50+ end-to-end client implementations while adhering to data security and compliance standards; actively engaged with 4-6 mid-sized client projects at a time

Data Integration Specialist

June 2022 – Sept 2025

- Collaborated with financial services clients and third-party data vendors to integrate customized data solutions within FactSet's suite of investment management tools; contributed to \$2M+ in total revenue
- Translated complex stakeholder requirements into scalable, automated pipelines to maximize downstream data usability and application
- Provided technical guidance for all pre/post-sales inquiries during collaboration with Sales, Product, and Engineering teams to define data objectives, perform UAT, and mitigate business risks
- Identified opportunities for process optimization and standardization within data pipeline infrastructure; leveraged Perl and SQL to transform complex datasets according to client and product requirements
- Designed and maintained reusable scripts, frameworks, and documentation to scale organizational processes
- Promoted data integrity and quality by leveraging robust validation, cleansing, and reconciliation procedures
- Demonstrated advanced product and technical expertise by serving as escalation point for adhoc client inquiries
- Created clear, user-friendly technical documentation around data specifications, outcomes, and best practices to contribute to internal knowledge bases and improve go-to-market strategies for new solutions

DNAstack

Toronto, ON

Data Engineer Intern

May 2021 – Aug 2021

- Automated scalable ETL pipelines using Python, enabling secure access to genomics datasets for 500+ end users through Google Cloud Platform infrastructure
- Established validation QA checks to ensure accuracy, reliability, and successful completion of data pipelines
- Developed SQL-based dashboards to track user and product usage, improving reporting accuracy for KPI metrics
- Designed statistical models to analyze large datasets and extract actionable insights for future research applications

Ontario Institute for Cancer Research

Toronto, ON

Data Analyst Intern

Jan 2021 – Apr 2021

- Developed and deployed bioinformatics workflows using WDL and Docker to streamline data analysis and delivery for distributed research teams across Ontario; reduced manual processing time by 30%
- Processed and analyzed high-volume genetic datasets, adhering to strict data security and privacy in all integrations
- Created and maintained technical documentation to scale internal team expertise and enable accessibility

SKILLS

Languages: SQL | Python | Perl | R | HTML/CSS/Javascript | PHP

Tools: Linux | Git | AWS | JIRA | Salesforce | Google Cloud Platform | Postman

EDUCATION

University of Waterloo

Waterloo, ON

Bachelor of Science, Honours Co-op Biochemistry/Bioinformatics

2017 – 2022