

Yulia Isaeva

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SUMMARY

Analytical and driven engineering professional transitioning into Data Science & AI, bringing a strong background in **data analysis**, risk assessment, and problem-solving. Quick to learn complex systems and **highly adaptable**, with a collaborative mindset and a deep interest in translating complex model outputs into actionable insights. Prepared to deliver value while continuously learning and evolving.

SKILLS

Technologies: Power BI, Tableau, Looker, Microsoft Excel(advanced), Google Cloud, BigQuery, Snowflake, Google Analytics, MatLab

Languages: Python, SQL, R, PyTorch, Pandas, Apache Spark, TensorFlow

Core Skills: Analytical Thinking, Resilience, Flexibility, Leadership, Creative Thinking, Curiosity, Continuous Improvement, Business Intelligence, Data warehouse

Certifications: GA4, Google Data Analytics Professional Certificate, IBM Machine Learning with Python (Honours) Certification

PROFESSIONAL EXPERIENCE

Product Engineering Technician, Krug - Kitchener, Canada

August 2024 - June 2025

Skills: SolidWorks, B-Solid, Bambu Studio, Excel

- Led 50+ specialized client projects, modelling over 300+ custom furniture components using CAD and monitored each project throughout production.
- Reduced machining errors by 30% by automating over 200 CNC router programs, which optimized material usage and improved overall production efficiency across multiple client projects.
- Accelerated product development by 60% by leading 3D printing initiatives that enabled rapid prototyping of mechanical components, resulting in faster design validation and reduced time-to-production for custom client solutions.

AMI Engineering Intern, BELCO - Hamilton, Bermuda

May 2021 - August 2021

Skills: SQL, Database Management, ETL, ArcGIS, AMI

- Improved outage response time by 50% through building and optimizing SQL databases, tracking brownouts from over 60,000+ meters, resulting in faster detection and resolution of power and connectivity issues that enhanced service reliability and minimized downtime for thousands of customers.
- Improved meter connectivity to cell towers by 80% using ArcGIS and SQL to filter meter status data, resolving 15+ meter connectivity failures daily and increasing system uptime and response efficiency.
- Solved billing and customer inquiries by filtering and analyzing customer meter data to provide accurate meter readings for the customer billing & payments team.

LEADERSHIP EXPERIENCE

Production Lead, OTSU-Esports - Oshawa, Canada

September 2022 - May 2024

Robotics Team Lead, FIRST Global Robotics - Hamilton, Bermuda

May 2017 - August 2018

EDUCATION

ONTARIO TECH UNIVERSITY

Oshawa, Canada

Bachelor (Honours) of Mechatronics Engineering

INTERESTS

Rock Climbing, Reading, Coffee, 3D Printing, Video Games, Movies