

## Contact

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## Top Skills

Core ML

Azure Custom Vision

LiteRT

## Certifications

Microsoft Azure Fundamentals

SQL for Data Analysis

Python for Data Science and Machine Learning Bootcamp

Foundation Training

## Honors-Awards

Queen's University Excellence Scholarship

## Publications

The Impact of Automation and Digitization on the Pipeline Industry

# Lucas Krayacich

ML Engineer @ LightAI | Queens Computer Engineering Alum  
Canada

## Experience

Light AI Inc.

2 years 1 month

Machine Learning Engineer

September 2024 - Present (1 year 6 months)

Vancouver, British Columbia, Canada

Training computer vision models in torch and tensorflow frameworks for medical diagnostics, with a focus on model explainability and pipeline development.

Data Science Intern

February 2024 - September 2024 (8 months)

Vancouver, British Columbia, Canada

Developed a quality assurance classification model to filter down to images useful for diagnosis.

AltaML

Associate Machine Learning Developer

May 2023 - October 2023 (6 months)

Calgary, Alberta, Canada

Using Generative AI and RAG I aided in the design of a searchable and interactive database of reports dating back 50 years. Streamlined 25-40% of client working hours by automating the document retrieval process.

EY

Technology Consultant

May 2022 - August 2022 (4 months)

Calgary, Alberta, Canada

Designed and delivered a successful Robotic Process Automation solution for a major energy corporation. Saved roughly 1000 hours of yearly manual calculations using database, web-server and calculation automation.

CFRC 101.9 FM - Campus and Community Radio

Radio Show Host

December 2021 - May 2022 (6 months)

Kingston, Ontario, Canada

Cenozon Inc.  
Engineering Intern  
May 2021 - August 2021 (4 months)  
Calgary, Alberta, Canada

Created Digital Twins of client pipeline networks and published a paper on automation in the pipeline industry.

AVA Maintenance Management Inc.  
Landscaper  
June 2019 - August 2019 (3 months)

JCC of Calgary  
Summer Camp Counselor  
June 2018 - August 2018 (3 months)  
Calgary, Alberta, Canada

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## Education

Queen's University  
Bachelor of Applied Science - BASc, Computer Engineering · (2020 - 2024)

West Island College Calgary  
· (September 2017 - May 2020)