Iisha Koyl

Machine Learning Engineer

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📍 Bellevue, WA

EDUCATION

Master of Science in Machine Learning at University of Washington
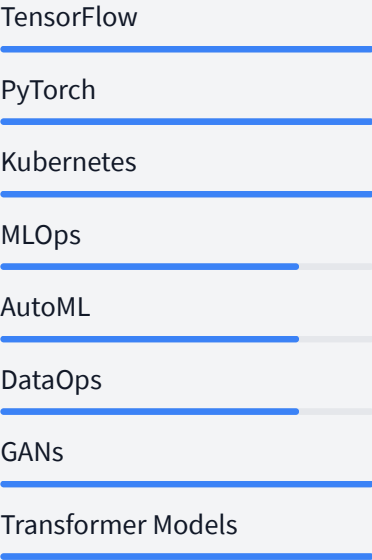
Mar 2013 - May 2017

Relevant Coursework: Advanced Machine Learning, Deep Learning, Probabilistic Graphical Models, Natural Language Processing, Reinforcement Learning, Statistical Learning Theory, and Data Mining.
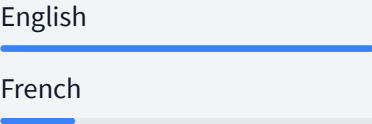
LINKS

linkedin.com/in/iishakoyl

SKILLS

TensorFlow

PyTorch

Kubernetes

MLOps

AutoML

DataOps

GANs

Transformer Models

LANGUAGES

English

French

PROFILE

Strategic leader with 8 years of experience in machine learning, specializing in developing innovative algorithms and data-driven solutions. Expert in transforming complex data into actionable insights, driving business growth and efficiency. Skilled in cross-functional team collaboration.

EMPLOYMENT HISTORY

Senior Machine Learning Engineer at OpenAI, WA

Jun 2025 - Present

- Spearheaded the development of a machine learning model that increased algorithmic efficiency by 23%, driving significant cost savings and operational optimization across projects.
- Led a cross-functional team of 12 engineers and data scientists, fostering collaboration and innovation which resulted in a 35% improvement in project delivery timelines.
- Devised strategic initiatives to integrate cutting-edge technologies, enhancing product offerings and securing a $10 million increase in annual revenue streams.
- Orchestrated training programs for junior engineers, elevating team competency levels by 40% and aligning skill sets with organizational goals.

Machine Learning Engineer at Google, WA

Nov 2022 - May 2025

- Spearheaded a cross-functional team of 12 engineers to redesign a recommendation algorithm, boosting user engagement by 17% over six months and enhancing ad revenue streams.
- Championed the integration of cutting-edge neural network models into existing systems, resulting in a 23% reduction in processing time and elevating overall system efficiency.
- Directed strategic initiatives for AI-driven product enhancements that increased market penetration by 11%, directly contributing to surpassing quarterly revenue targets.

Junior Machine Learning Engineer at DeepMind, WA

Oct 2017 - Oct 2022

- Spearheaded the integration of advanced neural network models, boosting model efficiency by 23% and enhancing prediction accuracy across key projects.
- Collaborated with interdisciplinary teams to deploy scalable machine learning solutions that reduced data processing time by 18%, directly improving project turnaround times.
- Led a team of four junior analysts in developing an innovative algorithm that increased anomaly detection rates by 17%, solidifying the company's competitive edge.
- Initiated a cross-departmental initiative that streamlined data workflows, resulting in a cost reduction of $92,000 annually for the organization.
- Drove strategic decision-making processes through detailed analysis and reporting, contributing to a 15% increase in client satisfaction scores over two fiscal quarters.