

Brian O'Connor

Vancouver, Canada

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Education

University of British Columbia

Master of Science in Software Engineering

Sep 2020 – May 2022 | Vancouver, BC, Canada

GPA: 3.9/4.0

Activities: DevOps Club President, Kubernetes Workshop Lead, Teaching Assistant

Relevant Coursework: Continuous Delivery, Infrastructure as Code, Container Orchestration, Monitoring & Logging

Summer School: Google Cloud NEXT 2021 (GPA: Pass with Distinction)

Work Experience

MLOps Engineer | Amazon Web Services | Jun 2022 - Present | Vancouver, BC, Canada

- Built CI/CD pipelines for machine learning models using AWS CodePipeline and SageMaker.
- Automated model retraining workflows with Step Functions.
- Monitored deployments with Prometheus and Grafana, reducing rollback time by 40%.

Skills

Platforms: AWS SageMaker, CodePipeline, Step Functions

Tools: Terraform, Docker, Kubernetes

Other Skills: MLOps, Model Monitoring, Infrastructure Automation

Certificates

AWS Certified Machine Learning – Specialty

Google Cloud: Professional Machine Learning Engineer

Coursera: MLOps Foundations

Awards

AWS MLOps Innovation Award 2023

UBC Graduate Fellowship

First Place – Vancouver ML Hackathon