

Charles E. Gormley

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Summary

Software Engineer specialized in Machine Learning Engineering interested in Data Ingestion, Data

Experience

Cloud Engineer

Vanguard

September 2022 - September 2023

Offered an extension to my Drexel Co-op to come back for another 6 months contract.

Developed and managed critical cloud infrastructure which handled requests with: retail financial

Built scalable cloud infrastructure and distributed systems to run Vanguard's instance of Kong API

Established a Data-Driven Internal Product used by 20+ teams: Designed and developed an internal

Led Cost Optimization Efforts: Identified and addressed a significant cost overrun in AWS usage

Pioneered Docker Container Structure Tests Integration: Spearheaded an initiative to incorporate

Machine Learning Engineer - Consultant

Kredit

September 2022 - December 2022

Designed and implemented a comprehensive MLOps workflow, providing a systematic analysis of

Significantly enhanced user experience by boosting customer engagement with the virtual assistant

Machine Learning Engineer

Strados Labs

September 2021 - April 2022

Co-op with Drexel University

Orchestrated the data science pipeline to integrate accelerometer and gyroscope data. This process

Engineered and fine-tuned Machine Learning feature generation functions to maximize efficiency

Regularly communicated key data science findings to senior executives, including the COO, CTO

Research Engineer

Drexel University

April 2021 - July 2021

Conducted an in-depth analysis of flight data using GIS and advanced data science tools, specifically

Software & Business Co-op