daniel kwon

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experience

Technical Program Manager
Cognite | Oslo, Norway | April 2020 - June 2020

Defined and executed client digitization strategies by collaboratively setting goals, evaluating use cases, and prioritizing sprints

Facilitated communication on project roadmapping and task allocation between **30+ intercompany stakeholders on 2 concurrent projects**

Communicated technical solutions to the client's business and engineering audiences through **bi-weekly presentations and demonstrations**

Performed **5+ user interviews** to understand customer pain points and distill highly-specialized domain expertise into functional requirements

Data Engineer
Cognite | Oslo, Norway | January 2020 - March 2020

Architected an enterprise solution to automate the simulation & visualization of oil & gas reservoirs, eliminating **12+ weeks** of annual engineering work

Developed & deployed **2 ETL pipelines** for unstructured data ingestion using Azure Cloud Services such as Azure Functions, Power Automate, DevOps, etc.

Decreased processing time of client data by **88%** by optimizing querying, caching, partitioning, & writing of data with REST APIs & Apache Spark

Data Engineer
The Globe & Mail | Toronto, Canada | May 2019 - August 2019

Enabled quantitative analysis on user behaviour by developing data models & visualization methods for user journey analysis

Designed **SQL tables for funnel analysis** by consulting data analysts on analytical requirements and translating them into technical specifications

Solution Engineer
Accedo.tv | Toronto, Canada | September 2018 - December 2018

Analyzed customer segmentation and relationships by creating **data visualizations** on historical client engagements

Built **customized product demos** to support RFI/RFP engagements by highlighting product features aligned with client business needs

Implemented a product feature request process to distill feedback from client-facing teams into usable data for **product roadmapping**

skills

product
Data Analysis, System Architecture, User Research, UI/UX Design, Usability Testing

tools & technologies
SQL, Python, Apache Spark, JavaScript, C++/C, HTML/CSS, Git

Figma, Axure RP, Balsamiq, Adobe Creative Suite

Tableau, Power BI, JIRA, Salesforce Microsoft Office

education

University of Waterloo
BASc, Systems Design Engineering
Expected April 2022

Relevant Courses:
Data Structures & Algorithms (C++)
Probability & Statistics
Human Factors in Design
Design, Systems, & Society
Economics of Design

awards

1st | Product Problem Pitch
Data modelling & UI/UX redesign for a volunteering platform to increase engagement

2nd | Microsoft Case Competition
Feature addition for OneNote to increase sales of Surface products for post-secondary markets

hobbies
Youtube Creator
    youtube.com/16weeksofinternships

Ski Instructor

Photographer