

# GEORGIOS (GEORGE) ZEFKILIS

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Enthusiastic, hard working professional with a can-do attitude, entrepreneurial spirit, solid background in engineering and strong interest in Data and Software Engineering. Social and cheerful person, eager to adapt in new situations and environments. Committed to create a more sustainable society.

## PROFESSIONAL EXPERIENCE

### Data Engineer

#### Danfoss, Alsense IoT Food Retail Services

📅 Sep 2022–Present    📍 Copenhagen, Denmark

- Developed and maintained ETL processes using Python SQL and TypeScript with Argo Workflows, Mage, and Data Factory, enhancing analytics and machine learning operations.
- Optimized CI/CD for database migrations using a Node.js and TypeScript monorepo, reducing workflow inefficiencies and deployment errors.
- Led initiatives to evaluate OLAP solutions (ClickHouse, Synapse) and Data Lakehouse (Databricks) to identify the best fit for our analytics platform
- Optimized data processing by building complex SQL queries in Postgres, reducing processing time and improving efficiency
- Collaborated with cross-functional teams to optimize data processing and management, increasing efficiency and scalability

### Data Scientist (Student Assistant)

#### Danfoss, Alsense IoT Food Retail Services

📅 Jun 2021–Aug 2022    📍 Copenhagen, Denmark

- Data Analysis using Python to define potential new business cases for Danfoss’s customers (eg. Time series analysis, Anomaly detection)
- Developing dashboards and automating reports in PowerBI
- Supporting on developing and maintaining machine learning pipelines using Azure DevOps & Azure Machine Learning

### Business Intelligence Analyst (Intern)

#### Novo Nordisk, Supply Chain Analytics & Data Management

📅 Sep 2020–May 2021    📍 Copenhagen, Denmark

- Developing and optimise data pipelines using Alteryx for faster data integration
- Building and editing Tableau dashboards for KPIs visualisations

### Business Intelligence Analyst (Student Assistant)

#### Bellmetric

📅 Jan 2020–Aug 2020    📍 Copenhagen, Denmark

- Used Google Analytics and Excel to collect, structure and analyze data about sales, website traffic & conversion rates
- Provide reports to account managers highlighting the data insights and translate them in potential improvements for the company towards its clients

## PERSONAL INTERESTS

Calisthenics    Reading    Programming    Psychology

## EDUCATION

### M.Sc. Human Centered Artificial Intelligence

#### Technical University of Denmark

📅 Feb 2020–Aug 2022    📍 Copenhagen,Denmark

Major: Data Science/Big Data

### M.Sc. in Environmental Engineering

#### Technical University of Denmark

📅 Sep 2015 – Jul 2017    📍 Copenhagen,Denmark

Major: Residual Resources Engineering

### B.Sc. in Civil Engineering

#### Technological Educational Institute of Crete

📅 Sep 2007–Jun 2012    📍 Heraklion,Greece

Major: Environmental technology & management

## CERTIFICATES

📅 PostgreSQL Bootcamp - Udemy, Mar 2022

📅 PRINCE2 Foundation Certificate in Project Management - AXELOS Global Best Practice, Jun 2019

## IT SKILLS

Python    TypeScript    SQL    Tableau  
PowerBI    Pyspark  
Azure Data Factory    Azure DevOps  
Kafka    Docker    Alteryx

## LANGUAGES

Danish    ●●●●●●  
English    ●●●●●●  
Greek    ●●●●●●