

# 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

### Software/Data Engineer

#### Danfoss, Alsense IoT Food Retail Services

📅 Sep 2022–Present    📍 Copenhagen, Denmark

- Led the introduction and implementation of tools, that optimised the development and orchestration of data pipelines enhancing efficiency and standardizing workflows across projects. Stack: Mage, Docker, K8S
- Led the adoption of test-driven development (TDD), integrating comprehensive tests into existing projects, which strengthened service robustness and reduced bug resolution times. Stack: Jest, Pytest, Docker
- Implemented a monorepo to enhance version control, testing, and deployment of database changes, reducing workflow inefficiencies and deployment errors. Stack: TypeScript, Lerna/Yarn, Docker
- Led initiatives to evaluate OLAP and Data Lakehouse solutions to identify the best fit for our analytics platform. Stack: ClickHouse, Synapse, Databricks
- Develop, build, and maintain ETL and streaming pipelines to enhance analytics and ML projects. Stack: TypeScript, Python, SQL, Kafka, Docker, Mage/ADF

### Data Scientist (Student Assistant)

#### Danfoss, Alsense IoT Food Retail Services

📅 Jun 2021–Aug 2022    📍 Copenhagen, Denmark

- Performed 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

- Developed and optimized data pipelines to accelerate data integration, and building and editing dashboards for KPI visualizations. Stack: Alteryx, Tableau

### Business Intelligence Analyst (Student Assistant)

#### Bellmetric

📅 Jan 2020–Aug 2020    📍 Copenhagen, Denmark

- Analyzed sales, website traffic, and conversion rates using Google Analytics and Excel. Created reports for account managers with insights and improvement recommendations for client strategies.

## 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    Kubernetes

## LANGUAGES

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

## PERSONAL INTERESTS

Calisthenics    Reading    Programming  
Psychology