

LEONORE (LEO) PAPALOIZOS

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WORK EXPERIENCE

Sourcegraph

March 2022 - Present

Backend Software Engineer

- Joined the Code Insights team before GA, delivering a one-of-a-kind product solving otherwise impossible use cases
- Built up the featureset of a product which now has 1,000s of users and generates 1M+ in ARR
- Making the decisions to improve the performance of a product with millions of timeseries data
- Prioritised customer issues to unblock key deals for the company.

Thought Machine

September 2020 - February 2022

Backend Engineer

- Increased throughput of a Kafka processor by 200% by rewriting from Python to Golang
- Transitioning an end-of-day processing system from synchronous to asynchronous to meet key targets
- Implemented caching in key gRPC endpoints, reducing costly database IOPS
- Led a project to roll out custom Istio sidecars across services, reducing proxy memory usage by 50% on average.

University of Glasgow

September 2019 - April 2020

Lab Demonstrator

- Answered questions in practical Java and Python labs. Promoted good coding practices early.

Squarepoint Capital LLP

June 2019 - August 2019

Technology Intern

- Worked with Python, C++, bash, PostgreSQL, Redis and kdb/q to allow one type of market data to flow correctly through the infrastructure.
- Developed a CLI tool to interact with current data stored across different databases.

EDUCATION

University of Glasgow

2016 - 2020

BSc (Hons) Computing Science, 1st

20.1/22 GPA

- incl. Algorithmics, Distributed Systems, Networked Systems, Databases, Safety-Critical Systems
- Final dissertation focused on developing a convolutional autoencoder and a deep regression model with Keras to analyse microscope images of immune cells.

Lycée International des Pontonniers, France

2013 - 2016

French Baccalaureate with International British Option

with distinction

SKILLS AND TECH STACK EXPERIENCE

Languages

Golang ◊ Python ◊ Java ◊ bash

Technologies

Kafka ◊ k8s ◊ Docker ◊ GraphQL ◊ gRPC ◊ Grafana ◊ Postgres ◊ CRDB ◊ Redis

HOBBIES

Football ◊ Knitting ◊ Pottery ◊ Cinema