# LEONORE PAPALOIZOS

github.com/leonore

07761232818 ◇ leonore.papaloizos@gmail.com

## EDUCATION

| **University of Glasgow** | 2016 - 2020 |
|---|---|
| *BSc (Hons) Computing Science, 1st* | *20.1/22 GPA* |

- Relevant modules: Algorithmics, HCI, Computer Vision, Distributed Systems, Networked Systems, Database Systems, Information Security, 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* |

## WORK EXPERIENCE

| **Thought Machine** | September 2020 - present |
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| *Back End Engineer* | |

- Worked primarily with Golang and Kafka to help build the next generation cloud banking core banking system.
- Rewrote a Kafka processor from Python to Golang, achieving a 200% increase in throughput.

| **University of Glasgow** | September 2019 - April 2020 |
|---|---|
| *Computing Science Lab Demonstrator* | |

- Answered student questions to help guide them through Python and Java exercises.

| **Squarepoint Capital LLP** | June 2019 - August 2019 |
|---|---|
| *Technology Intern* | |

- Worked in a hedge fund on a project to allow one type of market data to flow correctly through the firm's components. Developed a tool to interact with current data stored in different databases.
- Python, C++, bash, PostgreSQL, redis, kdb/q, Kafka concepts

## PERSONAL PROJECTS

**"UGenie", virtual assistant for the University of Glasgow**
Developed a virtual assistant with Rasa, Flask, and an Elasticsearch database, deployed with Docker on Kubernetes, aimed at responding to student enquiries in order to reduce workload for University admissions teams.

**"How busy is the library?", a Twitter bot for students at the University of Glasgow**
Built a bot that uses the Twitter API and the University of Glasgow API to tweet summary data of PC availability at the University library, for quick remote access for students.

## SKILLS AND INTERESTS

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|---|---|
| **Proficient in** | Python ○ Golang ○ Java |
| **Experience with** | C++ ○ bash ○ Kafka ○ Kubernetes ○ Grafana ○ PromQL |
| **Interests** | Football, Muay Thai, Climbing ○ Design ○ Cinema ○ Electronics projects |