LEONORE PAPALOIZOS

github.com/leonore

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EDUCATION

University of Glasgow   2016 - 2020
BSc (Hons) Computing Science   *Expected 1st*

· Modules studied include Algorithmics, HCI, Machine Learning, Computer Vision, Distributed Systems, Networked Systems, Database Systems, Information Security
· Extensive teamwork experience and strong communication skills from regular team projects
· Creativity and problem-solving skills gained from the breadth of subsidiary courses taken in Mathematics, Digital Media & Information Studies, Philosophy, English Language & Linguistics

Lycee International des Pontonniers, France   2013 - 2016
French Baccalaureate with International British Option   *with Honours*

· Economics and Social Sciences main modules with a focus in Mathematics

PROJECTS

Deep learning for analysing immune cell interactions
Honours individual project aimed at using a convolutional autoencoder and a clustering algorithm for the analysis of microscopic images of dendritic cells and t-cells to discover any interaction or changes.

"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 a varied number of student enquiries in order to reduce workload for University admissions teams.

Bash scripting for efficiency in repetitive tasks
Everyday use of bash for everyday handling of files and code. Coded scripts such as a photo formatting script that follows Spotify playlist covers standards, and a weather script that pulls data from openweathermap.org's API.

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

Web development
Developed a web application with Django for the Scottish charity Artlink for J.P. Morgan's 2018 Code for Good hackathon. The website would allow carers for people with sensory disabilities to browse activities according to keywords and the 5 senses.

WORK EXPERIENCE

University of Glasgow   September 2019 - Present
Computing Science Lab Demonstrator

· Assisted students in labs in order to help guide them to the right solution. Gained knowledge about learning theory, and how to encourage best practices for a computer scientist.

Squarepoint Capital LLP   June 2019 - August 2019
Technology Intern

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

LEADS, University of Glasgow   March 2019 - June 2019
Project Intern

· Gathered information from the University of Glasgow's website in the aim of creating a new re-sourced aimed at incoming students, using website crawler tools.

Montreux Jazz Festival   June - July 2017/2018
Sales Assistant

· Worked for a world-renowned festival within a team to provide the best possible customer ser-vice. Worked at the cash desk, operated refunds, and was personally responsible for up to GBP 15,000 a day.

Glasgow University Women's Football Club   May 2017 - May 2018
Publicity Officer

· Created a website for the club and extended the club's social media accounts, increasing inter-action by 40%.
· Increased the club's popularity on social media and successfully helped to find participants to the club's first charity fundraiser event in support of MND Scotland.

SKILLS AND INTERESTS

Volunteering	University of Glasgow's Nightline, sporting events, class representative
Sport	Football, Muay Thai, Climbing
Design	Proficiency in Adobe Creative, active design podcast listener
Welfare	First Aid Certificate (June 2018), Welfare Convenor for Football Club
Languages	French (Native), English (Fluent), German (Intermediate)