Yrgken Koutsi

Contact

Email:

yrgkenkoutsi@hotmail.com

Portfolio:

https://yrgkenkoutsi.github.io/react-portfolio/

Education

BSc (Hons) Computing

University of Gloucestershire 2020

2.1 Class

Other Relevant Work (Free Time)

I enjoy spending my free time in Computer Vision, particularly image processing techniques. Currently working on a project in GPU programming for image processing and networks.

References

Available upon request.

Main Skills

Python, Java, Spark and Hadoop, Git and GitHub, MongoDB, SQL, PHP, jQuery, JavaScript, Ajax, HTML, CSS, IntelliJ, Atom, iPython Notebook, OpenCV, Computer Vision, Machine Learning and Deep Learning.

Work Experience

Role: Night Porter | Receptionist

- Carried out full checks to ensure that previous shift members taskswere completed and if not made sure they are.
- Task involved: room cancellations, refunds, allocations, dealing with guest enquires, late check in, corridor walking, setting up alarm for the restaurant.

University of Gloucestershire (2020)

Dissertation

A comparative analysis based in convolutional neural network models U-Net and LadderNet for medical image analysis in retina images.
Particularly on Blood Vessel Segmentation methods and techniques in retinal images, experimentation across multiple datasets to determine robustness on state-of- the-art networks (U-Net, LadderNet).

Main Modules - *Final Year*

Advanced Database Systems - In java and IDE IntelliJ developed a library application that used an interface to connect to two different database types: MongoDB and Oracle.

Secure Coding - Implementation a web application that aims in demonstration of vulnerabilities such as buffer Overruns, Cross-site scripting (stored XSS, Reflected XSS, DOM-based XSS and Stealing Cookies with XSS) and SQL injection.

Big Data Analytics - Developed a real-time prediction system using the Canadian Institute for Cybersecurity's Intrusion Detection Evaluation Dataset (CICIDS2018).

Computer Vision – Developed a Diabetes Retinopathy Classification model on retina images using computer vision and TensorFlow GPU, CUDA and cuDNN.