

Yrgken Koutsi

Contact

Email:

koutsiyrgken@gmail.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 designing websites.

Currently working on my personal website which involves coding in SQL, PHP, jQuery, JavaScript, HTML, CSS.

References

Available upon request.

Main Skills

Python, Java, Spark and Hadoop, Git and GitHub, React 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

- Task involved: room cancellations, refunds, allocations, dealing with guest enquires, late check ins, corridor walking, setting up alarm for the restaurant.

Role: Web Development

Classes | **Lecturer Assistant**

- I assisted 1st year students in debugging their code during workshops and resolving any issues that they may have had and explain technologies that they did not fully understand during their lectures.

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 - Developed a library application that used an interface to connect to two different database types: MongoDB and Oracle (Java).

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.