ANG Iye Szin

Phone: (+33) 07 45 67 30 86
Email: iyeszin@gmail.com
Github: https://iyeszin.github.io/

Professional Experience

2022 **Research Intern** Color Imaging Lab, University of Granada, Spain.
This project focused on working in the trial phase of the method for color vision deficiency (CVD) and the building of the recoloration options. The application would be developed for use as an mobile app in the main mobile OS types and tested by CVD subjects of different type and severity. The mobile app is built on framework of React Native and Flask.
Advisor: Prof. Eva María Valero Benito – valerob@ugr.es

2020/21 **Business Intelligence Consultant** SturnGroup, Kuala Lumpur, Malaysia.
Work with multiple data sources and databases, and analyze big data to discover trends and patterns. Assist team to design and develop analytical and reporting solutions. Solid SQL skills, VBA scripting and data visualization skills.

2018/20 **Software Developer** in Merimen Online. Selangor, Malaysia.
Full-stack developer with experience in JavaScript, jQuery, HTML, CSS, and SQL and server-side language (ColdFusion). Optimize and enhance existing functionality. Familiarity with Agile development methodologies. Excellent communication skills.

2017 **Software Intern** in Meta Technology (Asia Office). Selangor, Malaysia.
Verify and troubleshoot system. Produce clean, efficient code based on specifications. Work on Odoo (Open-Source ERP & CRM) development tasks such as implementing form, revise Kanban and form, create qweb report etc.

Education

2021-Current MSC. Erasmus Mundus Joint Master Degree (Photonics for Security Reliability and Safety)
Specialization in Biometrics and Intelligent Vision
Université Jean Monnet, University of Eastern Finland, University Paris-Est Créteil

2014-2018 BSCS. Software Engineering, Universiti Malaysia Sabah, Kota Kinabalu. (CGPA: 3.58/4.0)
Undergraduate Thesis: Identifying Danger in Underwater Environment using Deep Learning Based on Object Detection Models.
Advisor: Dr. Rayner Alfred – ralfred@ums.edu.my

Professional training

2020 **Google Cloud**'s course about Google Cloud Platform technologies, Big Data and Machine learning. Link to badges.

Personal Project

Face recognition with PCA — **Python**
Study and implement Principal Component Analysis(PCA) on faces from paper "Eigenfaces for Recognition". Performed PCA on photographs of my faces.

Age and gender classification — **Python**
To replicate the experiment with adience dataset based on paper "Age and Gender Classification using Convolutional Neural Networks" by Levi and Hassner. Besides that, I also test the model with custom images.

Count bottle in a crate — **Python**
To count bottles present in the images by taking input of image and output is the number of bottles in the crate. One of the challenges faces is identify and count the bottle in flipped and laying position.

Computer Skills

Programming languages: Matlab, Python, Javascript, C/C++, Vb script, ColdFusion.
Machine learning libraries: Numpy, Scipy, Tensorflow, Keras, Scikit-Learn, Matplotlib, Pandas.
Tools: Git, LaTeX, Microsoft Office, Anaconda, IBM InfoSphere DataStage, IBM InfoSphere Data Replication, Tableau.
Extras: Mobile development, experience implementing machine learning methods, knowledge in signal processing, knowledge in datawarehouse and ETL concept, basic skills in image editing.

Awards & Honours

• PSRS consortium scholar
• Microsoft Azure Most Potential Project Award – InvestHack 2020 - Organized by Bursa Malaysia

Languages

Mandarin (Native) • English (Fluent) • Malay (Fluent) • French (Basic)

References

Prof. Nathalie Destouches
Coordinator of the EMJMD PSRS, Professor Université Jean Monnet
nathalie.destouches@univ-st-etienne.fr

Assoc. Prof. Dr. Rayner Alfred
Head of Knowledge Technology Research Unit, Associate Professor Universiti Malaysia Sabah
ralfred@ums.edu.my