Samuel John Omamalin
FULL STACK DEVELOPER

OBJECTIVE

Highly self-motivated, team player, equipped with time management and communication skills, seeking a full stack development position in the company to contribute my talents and skills to grow with the company. Experienced with React, Angular, NodeJs, ASP.Net Core, Python, Java, Matlab, C#, JS, HTML, CSS.

PERSONAL DETAILS

Birth date
24/08/1991

Nationality
Malaysia

Address
18, Luyang Phase 7, Lorong Tahan, 88300 Kota Kinabalu, Sabah

CONTACT

- samuelomamalin@gmail.com
- +(60)1112732408
- https://sjodcre.github.io/oma_web/
- www.linkedin.com/in/samuelomamalin/

PROFESSIONAL EXPERIENCE

● Projects

PERSONAL PROJECTS   Jan 2019 - May 2019

https://arcane-fjord-75069.herokuapp.com
· App for compilation of campgrounds submitted by users. Main components: Ejs, ExpressJs, Mongoose, MongoDB, REST API, PassportJs, Bootstrap 4. Produced an app where users can login and post images with descriptions and also the prices of the campgrounds based on their experience. Users can comment on other posts as well.

https://face-recognition-oma.herokuapp.com
· App that is used to find faces in an image. Main components: ReactJs, Redux, Clarifai, ExpressJs, Knex, PostgreSQL, Bcrypt. The App enables users login and submit a photo and the API will then searches for faces and outputs the same image with bounding boxes around the faces. Clarifai is the API for simple machine learning algorithms (face recognition).

https://da-app-oma.azurewebsites.net/
· A dating App where users can like/message each other. Main components: Angular 6, ASP.NET CORE 2.2 Typescript, SQLite, SQLserver, AutoMapper, Azure, Angular Forms, Cloudinary, JWT tokens. SQLite for development, SQL server for production and deployment to Azure. Cloudinary is where the images uploaded are stored. App also has paging, sorting and filtering functions, private message system, and a image uploading function.

● Graduate Research Assistant (Contract)

SUNWAY UNIVERSITY   Feb 2018 - Dec 2018

· Research topic: Robot Learning Human movements and action by watching videos
· Prepared project procedures, direction and outcome of the project and conduct research.
· Compiled together the most relevant researches, from the past 5 years, and compare the pros and cons of the algorithms, and use and modify the algorithms to get the desired output.
· Prepared dataset and also data preprocessing before inserting into the created algorithm.
· Research materials: Matlab, Python, CNN, LSTM

● Associate Lecturer (Contract)

SUNWAY UNIVERSITY   Jan 2018 - Dec 2018

· Subject: Programming Principles (C, Python), Artificial Intelligence, Human Computer Interaction (HCI)
· In charge of tutorial classes and lab sessions for the subjects, as well as the Q&A sessions for students.
· Challenged and motivated students through in-depth discussions regarding the topics being taught by preparing unique questions that are applicable in a real world situation.
· Prepared classroom assignments, served as guidance when help was needed.
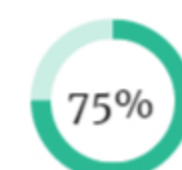
EDUCATION

● BEng - Electrical Power Engineering

CURTIN UNIVERSITY, PERTH   Jul 2010 - Jul 2014
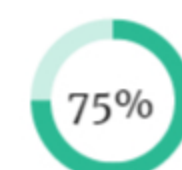
TECHNICAL KNOWLEDGE

- **100%** NodeJS, ASP.Net Core, REST API
- **75%** MongoDB, SQLite, MySQL, SQL server
- **75%** Python, C, C#, HTML, CSS, JS, Java, Matlab
- **75%** Bootstrap, Ejs, Angular, ReactJS, ReduxJS
- **75%** Azure, Heroku, GitHub

SIDE ACTIVITIES

- Conference Paper publication, AsiaHaptics 2018.
- 2nd place, ARC (Adv. Robotic Chal) '18 Malaysia
- Park of the Future Hackathon 2018
- CityHack 2017
- FIATA World Congress 2017 as Young Participant
- UniKL Robattle Competition 2016
- World Robot Olympiad (WRO) 2018 as support.
- Malaysia Mensa MY008207