



# Samuel John Omamalin

SOFTWARE ENGINEER

## PROFILE

Highly self-motivated, team player, equipped with time management and communication skills, seeking for employment in Australia.

Tools Archive: React, Angular, NodeJs, ASP.Net Core, Python, Java, Android, C#, JS, HTML, CSS.

Visa Status : Skilled 189

## PERSONAL DETAILS

### Birth date

24/08/1991

### Nationality


Malaysia

### Address

35/158 George St Queens Park 6017 WA

## CONTACT

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 +(60)1112732408

 [https://sjodcre.github.io/oma\\_web/](https://sjodcre.github.io/oma_web/)

 [www.linkedin.com/in/samuelomamalin/](https://www.linkedin.com/in/samuelomamalin/)

## PROFESSIONAL EXPERIENCE

### Software Engineer

XLEAD SDN. BHD.

Jul 2019 - Current

- Analyze client's business requirements and recommend solutions to meet client's needs.
- Android App migration from Eclipse to Studio, Android 5 to 9, adding all securities and permissions.
- Improved device's battery usage by improving GPS tracking logic.
- Facilitated customization of systems by encouraging software engineering team to adopt emerging standards for software application development architecture and tools.
- Focused in Utility Billing System, working with Android, VB6 and MSSQL.

### 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.

<https://face-recognition-oma.herokuapp.com>

- App that is used to do facial recognition in an image. Main components: ReactJs, Redux, Clarifai, ExpressJs, Knex, PostgreSQL, Bcrypt.

<https://da-app-oma.azurewebsites.net/> (offline due to payment needed, but can check code at GitHub)

- A dating app where users can like/message each other. Main components: Angular 6, ASP.NET CORE 2.2, Typescript, SQLITE, SQLServer, Azure, Automapper, Angular Forms, Cloudinary, JWT tokens.

### 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.
- 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 Q&A sessions for students
- Challenged and motivated students through in-depth discussions regarding the topics being taught.
- Prepared classroom assignments, served as guidance whenever help was needed.

## EDUCATION

### BEng - Electrical Power Engineering

CURTIN UNIVERSITY, PERTH

Jul 2010 - Jul 2014

## SIDE ACTIVITIES

- ✓ Conference Paper publication, AsiaHaptics 2018
- ✓ 2nd place, ARC (Adv. Robotic Chal) '18 Malaysia
- ✓ Park of the Future Hackathon 2018
- ✓ CityHack 2017
- ✓ Axiata Datathon, Urbanlytics 2019
- ✓ FIATA World Congress 2017 as Young Participant
- ✓ UniKL RoBattle Competition 2016
- ✓ World Robot Olympiad (WRO) 2018 as support.
- ✓ Malaysia MENSA MY008207
- ✓ <https://www.kaggle.com/sjodcre>