

# CHEAM JING-EN

Mobile App Developer,  
Senfficient Sdn. Bhd.



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## PROFILE

I am currently working as a mobile application developer in Senfficient Sdn. Bhd. I decided to change my career path from a mechanical engineer to software developer as I have more interest in coding during my university. Currently, I have further improve myself in this field by taking online courses after work and during weekend. Besides that, I improve my programming skill by collaborating with programmers to release video on Youtube. I started from front-end development and currently progressing through back-end development and database. I see myself to become a professional software developer in 5 years time.

## EDUCATION

**Bachelor's Degree of Mechanical Engineering**  
University of Malaya (Sep 2015 - Jun 2019)

- Mechanical Engineering Graduate
- Had a CGPA of 3.85 out of 4.00
- First Class Honor certificate

**Matriculation (A - Level)**

**Penang Matriculation College (May 2014 - May 2015)**

- Obtained CGPA of 4.0 for two semesters
- Straight A for Physics, Chemistry, Biology, Mathematics
- MUET Band 4

**SPM (Sijil Pelajaran Malaysia)**

**SMJK Chung Ling Butterworth (Jan 2009 - Nov 2013)**

- Obtained result of 6A+, 2A, 1A-, 1B+
- A+ for Physics, Chemistry, Biology, Additional Mathematics Modern Mathematics and History
- A for English and Moral
- A- for Malay
- B+ for Chinese
- 1119 -- 3B

## WORKING EXPERIENCE

**Process Engineer Intern**

**Aviatron (M) Sdn. Bhd. (Jun 2018- Sep 2018)**

- A company that produces Nacelle beams of new technology engine which is Nacelle System aircraft engine.
- Carried out manufacturing time study, troubleshooting non-conformance product.
- Learnt to have continuous improvement for production to achieve a cost and time efficiency production line.

**Mobile App Developer/Mechanical Engineer**

**Mi-Autobotics (M) Sdn. Bhd. (Jan 2020 - May 2021)**

- A company specifies in automation, robotics and software development.
- Responsible for mechanical design for company product and web development.
- Web development using Javascript, HTML and CSS.
- Mobile App development using Flutter.

**Mobile App Developer/Nodejs Developer**

**Senfficient Sdn. Bhd. (May 2021 - Now)**

- A company specifies in IOT automation.
- Job scope includes develop mobile app for company product and maintaining back end node js code.
- Mobile App development using Flutter.
- Mobile App is available on Play Store id: com.fmcabms, App Store id: 1481682000
- Develop api from nodejs to provide http request for mobile app,

## ENGINEERING SKILLS

**Modelling and Analysis**

- Learnt modelling using Solidworks and analysis using Ansys from courses offered by the university.
- Constantly improving modelling and analysis skills by watching videos in order to reach a professional level.

**Programming**

- Flutter is the most fluent programming language as I am currently working on project using Flutter.
- Web development: MongoDB, express js, node js and React js.
- Built static website using React js.
- Basic understanding on javascript, html and css.
- Tech specs: Mobile: Flutter, web development: MERN stack and vanilla js.

## LANGUAGES

**Mandarin**

- Mother tongue: high level of speaking and listening skills, writing skills.
- Able to speak different dialects: Hokkien and Cantonese

**English**

- International language and had learnt since primary school.
- High level of speaking, listening and writing skills.
- TOEFL IBT score: 100/120. Reading: 30, Listening: 29, Speaking: 19, Writing: 22
- Have been able to practice English speaking while participating in Work and Travel Programme in USA.

Malay

- National language of Malaysia and had learnt since primary school.
- High level of speaking, listening and writing skills.

German

- Casual learning during free time.
- Might be useful one day when travel to Europe.

ACTIVITIES AND EVENTS

Persatuan Kejuteraan University Malaya  
(Sep 2015 - Jun 2019)

- Engineering Club of University of Malaya that offers career talks and industrial visits Member from Session 2015/2016 until now.

iMechE University Malaya Student Chapter  
(Sep 2017 - Jun 2019)

- Mechanical Engineering Club of University of Malaya that offers career talks and industrial visits for Mechanical students Member from Session 2017/2018 until now.

iUM Disrupt University of Malaya  
(3 - 4 Mar 2018)

- A hackathon which is a platform for students to brainstorm ideas to solve current issues and develop the solution.
- Came out with an idea of extendable car boot which solve the issue of insufficient luggage space.

UM Inter-varsity Sport Day  
2016/2017 and 2017/2018

- Representative athlete for residential college in Tracks and Field

Grand Asia Chess Competition (GACC 21)  
(Jan 2017)

- A chess competition organised by residential college.
- Manager for Logistics department which responsible on transport and site management.

Chung Ling Butterworth Football Team  
(2013)

- Captain for the 2013 football team. Lead the team to won a bronze medal in Kwong Wah Yit Poh Cup.

VOLUNTEERING EXPERIENCE

Tutor  
(Feb 2016 - May 2016)

- Provide teaching service for Rohinya fugitives.
- Taught Mathematics and English to 9-12 years old children.
- Provide food and basic needs to the less fortune one.

Event Crew Volunteer  
Georgetown Heritage Celebration(7 Jul 2018)

- Georgetown Heritage Celebration is an event to promote different arts and culture that are available in Penang.
- There are around 20 communities to promote and showcase their own arts and culture.
- Involved in helping to set up the floor for the event.

PROJECTS

Jigsaw Mobile App  
(Oct 2020 – Apr 2021)

- First mobile application development as Mobile app developer together with one colleague.
- The app connects users and merchants by letting merchants to post promotions on this application website.
- Users can view and save the promos and retrieve from the merchants shop.
- Responsible for ui design and develop the mobile application. Skills learnt from the project includes working with pub library for example Firebase dynamic linking, Whatapps API, Flutter GoogleMap.
- App Id: com.miautobotics.engeyepromotions(playstore)

US Weather and Location Image Web App  
(Dec 2020 – Dec 2020)

- Self learning project for applying my React js skill,
- This app let user to select a state on the US map and the app will display the current weather and top images from the selected state.
- State management using Redux.
- Library used: React map, Unsplash API for images and Openweather API for weather forecast.

FMC BMS Mobile App  
(May 2021 – Now)

- Second Mobile App development built from scratch.
- Responsible for UI design and planning for the mobile app.
- AGILE software development with MVC architecture.
- The app is for users who have subscribed to company IOT products.
- The app acts as a remote controller to the IOT system in a remote location.
- App Id: com.fmcgbms(playstore) 1481682000(app store)

AWARDS

- Dean List Award for Session 2015/2016 Semester 1
- Dean List Award for Session 2015/2016 Semester 2
- Dean List Award for Session 2016/2017 Semester 1
- Dean List Award for Session 2016/2017 Semester 2
- Best Pitching Award - iUM Disrupt University of Malaya
- Dean List Award for Session 2017/2018 Semester 2

INTEREST AND HOBBIES



Travel and Adventures



Football



Body Building

REFERENCE

Available on request