



UTM
UNIVERSITI TEKNOLOGI MALAYSIA

ExCEL Activity Report

Code on Weekend

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Matric No: A19EC0067

Program: SECV Computer Science (Graphics and Multimedia
Software)

Batch: 2019/2020

Academic Advisor: Dr. Jumail Bin Taliba

Justification in joining the activity:

Code on Weekend is a coding program organized by Persatuan Mahasiswa Sains Komputer (PERSAKA) on 11th December 2020 and this program was in conjunction with CompFair'20. Due to the pandemic of Covid-19, the program was conducted online using Google Meet at 9:30am. This program is about a new coding language called Go programming Language or Golang and the speaker of this program is Dr. Afnizanfaizal. I have taken part in this program as a participant as I am interested to know more about programming language.

Graduate Attributes:

- a) Thinking Skill: Thinking skill is very important especially for us to learn programming effectively. We need to think critically and find solution for a problem in programming. In this program, I have learnt to look for alternative ideas and creative solutions which is important to do programming.
- b) Scholarship: It is one of the attributes that focused on this program. I am able to seek relevant information about Go Programming Language which helps to develop an inquisitive mind.
- c) Adaptability: Due to pandemic of Covid-19, all the events have to be conducted virtually through online platform. Through this program, I am able to adapt myself in online events. Other than that, I can adapt to new programming language easily through this program.

Content of the activity:

In the beginning of the program, Program Director Chee Wai Lum welcomed the speaker and introduced the background of the speaker to all participants. A total number of 40 participants took part in this two and a half hour lesson to learn about the Go Language that can be applied to the creation of Artificial Intelligence (AI) and the use of Machine Learning (ML). Go Language or Golang is predicted to be one of the best trends in the future and this language is more easy-understandable for new programmers compared with others.

During the lesson, Dr. Afnizanfaizal exposed and explained the basics of Golang and introduced two systems which both were coded by using Golang. The first system was a ML system that was able to read handwritten numbers by training the system with plenty of examples of handwritten images and then it identified the stated number whereas the other system was an AI system which was able to do sentiment analysis based on the given reviews. The participants were not only exposed to the fundamentals of Golang but they were also able to understand the operation of AI and ML systems by using Golang and this may broaden their coding experience.