SEOW JIA XIAN

Mobile: +65 9731 5531 | Email: JIAXIAN21.18@ichat.sp.edu.sg | LinkedIn: Jackson Seow Jia Xian | GitHub: JacksonSeowJX

PROFESSIONAL PROFILE

Highly passionate for coding and web development. Experience in visual studio code and multiple programming languages such as Python and C. Detail-oriented and able to cope under a stressful work environment.

EDUCATION

Singapore Polytechnic   **Apr 2018 to Apr 2021**

Diploma in Computer Engineering (ongoing)
- Current Cumulative GPA of 3.67

Diploma Plus in Business (ongoing)
- Current Cumulative GPA of 3.0

COMPETITIONS & PROJECTS

Singapore Polytechnic Mobile Applications Development 2019
- Created a medical app with Android Studios for users to find nearest clinics & hospitals within a certain radius, save record with Firebase and search for a specific clinic within app.

Singapore Polytechnic Client-Server Application Development 2019
- Developed a Fitness website with bootstrap template with HTML, CSS, JavaScript and PHP.

Singapore Polytechnic Microcontroller Applications / Engineering & Design Project 2019
- Design Project: Designed a prototype model of a cereal dispenser using PIC18 Microcontroller, number pad, LCD screen, humidity and weight sensors.

Singapore Polytechnic Server Management Project 2019
- Server Project: Configuration of virtual machines for server and client.
- Configuration of DNS, DHCP, DC and OUs

Singapore Polytechnic Introduction to Engineering II 2018
- 3rd Prize: Zumo Robot competition
- Programmed a Zumo bot using Arduino Uno microcontroller
- Programmed the bot with rear and front sensors to detect surfaces

WORK EXPERIENCE

Golden Equator Consulting (Internship in Singapore)   **Jun to Dec 2019**
- Company Training
  - Installation and setup of Python development environment and Ubuntu 18.04
- LinkedIn Scrapper with python scrapy crawler
  - Scrapped LinkedIn people's directory for relevant data for the company
- Filter Engine for Golden Equator Consulting web application
  - Created a filter engine to filter fake emails and phone numbers of any country
  - Checked the respective mail servers for existing emails.
  - Checked for correct amount of digits for country specific numbers and identify its carrier
- Front-end map development
  - Created a world map with leaflet js
  - Added charts and choropleth for enhanced visualisation

SKILLS

Subjects: Calculus, Data analytics	**Hardware Programming:** Arduino, PIC18
Software: Anaconda, Minitab Express, Knime	**Mark-up Languages:** HTML5, XML
Programming Languages: Python, C, C++, Java, JavaScript, PHP	**Database Languages:** SQL, Firebase
Programming Libraries: Matplotlib, Pandas, Numpy	

CO-CURRICULAR ACTIVITIES – (Singapore Polytechnic)

Student Entrepreneurs Club (SPSEC)
Welfare Services Club (SPWSC)
Street Soccer