

**SUMMARY**

People-oriented computer science enthusiast with a couple of project experiences. Accumulated work experiences in different fields. Independent and self-motivating in learning new programming languages and concepts. Passionate in implementing current knowledge to solve problems that will stimulate growth for the company and myself.

**EDUCATION****Universiti Sains Malaysia****September 2018 - Present**

Bachelor of Computer Science (Honours) (Software Engineering)

Minor : Mathematics

CGPA : 3.79 (First Class Honours, as of Year 4 Semester 1)

MUET : Band 5

**TECHNICAL (IT) SKILLS****Programming Languages**

- C++
- Java
- Python
- Ruby
- Rails
- SQL
- HTML/CSS/JavaScript/PHP

**Project Experiences**

- Designed, built, and documented a webpage using HTML/CSS/JavaScript/PHP.
- Planned, designed, and programmed a community-oriented application using Java for *Google Solutions Challenge 2020*.
- Created and documented a mock web-based database software using SQL in Oracle Application Express.
- Developed and programmed a productivity-game hybrid application using Java for an assignment.
- Designed, analyzed, and prototyped mock systems using system analysis diagrams such as state diagrams, use case diagrams, and activity diagrams.

**WORK EXPERIENCES****CoinGecko, Software Engineering Intern****March 2021 - August 2021**

- Accomplished 100+ tasks as measured by Basecamp tickets, by working as full stack.
- Revamped CoinGecko's careers and developer's API page, following Adobe XD guide, using Tailwind and Bootstrap.
- Implemented multiple exchanges into CoinGecko for aggregation, by using GraphQL and REST API.
- Ensure code is maintainable and clean by writing Rspec tests and running test cases.
- Picked up Ruby and Ruby on Rails in the span of 2 months, by reading and working on external projects.

**SellByTel Group, Virtual Demand Generation Specialist****March 2018 - July 2018**

- Generated sales for Hewlett-Packard (HP) products mainly for Singapore and Malaysia market.
- Educated customers on the latest security features on HP products, especially printers.
- Consulted and advised companies on their IT setup.
- Collaborated with colleagues of different nationalities and cultures.
- Trained in computer hardware knowledge and soft skills.
- Communicated in multiple languages daily with Singaporean and Malaysian customers.

**CO-CURRICULAR ACTIVITIES****USM Bridge and Chess Club, Member****September 2018 - June 2020**

- Organized numerous events in USM to ensure positive cashflow for the club.
- Adapted self to skillsets such as poster design and photography for club events.
- Participated in organizing the International Chess Open Tournament, which is the hallmark of the club.

**AIESEC, Member (iGV)****September 2018 - June 2019**

- Interviewed potential volunteers from across the globe and determine volunteers who are fit to volunteer in Penang for *Project Speak Up*.
- Facilitated the global volunteers during their stay in Penang.
- Collaborated with other departments to ensure the growth of AIESEC in Penang.

**INVOLVEMENTS/ ACHIEVEMENTS**

- National Top 10 for ASEAN Data Science Explorer (ADSE) 2020.
- Organizing Committee Marketing for Fall National Induction Leadership Conference 2019.
- Organizing Committee Publicity for International-Penang Pesta Hoki 2018.
- Organizing Committee Arbiter for USM Chess Open Tournament International 2019.
- Project director for various events under USM Bridge and Chess Club.

**SOFTWARE PROFICIENCY**

Proficient in Microsoft Office (Word, Excel, PowerPoint), Microsoft Visio, IntelliJ IDEA, Eclipse, Dev-C++, SAP Analytics, Adobe XD. Beginner in Adobe Illustrator and Premiere Pro.

**LANGUAGE PROFICIENCY**

Trilingual in English, Chinese & Malay. Beginner in Japanese and Korean.

**OTHERS**

GitHub : DanielChang98

Code Forces : danielchang98