Hian Wee HENG

- CURRICULUM VITAE -

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PROFILE

A Computer Science graduate student with a great interest with mathematics, algorithm analysis, artificial intelligence, cybersecurity and cryptography. Possesses teaching skills gained from an extended duration of facilitating extra study sessions for guiding weaker fellow juniors with module(s) they struggle with, while juggling with his own duties as a student himself. Willing to go the extra mile to help others as a way of self-improvement.

EDUCATION

MSc in Computer Science (By Research)
Sunway University, MALAYSIA
01/2019 - Current

Bachelor of Computer Science (Hons)
Taylor's University Lakeside Campus, MALAYSIA
08/2015 - 07/2018 | CGPA: 3.80 / 4.00

- Graduated with First Class Honors
- Dean's List award in all academic semesters
- Activities: Peer Assisted Learning Services (PALS), First Year Experience (FYE), Christian Fellowship

Foundation in Computing
Taylor's University Lakeside Campus, MALAYSIA
08/2014 - 06/2015 | CGPA: 3.63 / 4.00

- Completed with Distinction award, Dean's List award in all academic semesters
- Activities: Peer Assisted Learning Services (PALS), First Year Experience (FYE), Christian Fellowship

EXPERIENCE

Intern
SME International Trade Association of Malaysia (SMITA) | 01/2018 - 03/2018

- Completed Industrial Training as required by the Bachelor of Computer Science (Hons) programme offered by Taylor's University Lakeside Campus
- Worked on creating SMITA's Integrated Market Procurement Center (SIMPC)
- Handled various miscellaneous tasks including creating videos for promoting SMITA and their initiatives

Open Day Helper
Taylor's University Lakeside Campus, MALAYSIA | 02/2017 - 03/2017

Key roles:
- input visitors' information and enrolment status of prospective students into the university database
- give tours to keen parents and prospective students around the campus grounds
- handle various administrative tasks at the office front desk

Peer Assisted Learning Services (PALS) Leader
Student Success Center (SSC) @ Taylor's University Lakeside Campus | 02/2015 - 07/2018

Key roles:
- guide students from junior undergraduate intakes / students from Foundation in Computing and Diploma in Information Technology with high-risk modules or modules with high demand for assistance from the respective module lecturers
- create extra material and guides for students to aid in understanding difficult and tricky concepts

Modules handled:
- MTH60104: Mathematics for Computing 1 / MTH60804: Computing Mathematics
- MTH40303: Computing Mathematics (Diploma level)
- MTH30504: Discrete Mathematics / MTH30405: Introduction to Computing Mathematics
- MTH30105: Mathematics
- MTH30404: Algebra & Calculus
- MTH30204: Mathematics 1
- ITS40704: Object-Oriented Programming
- ITS60304: C Programming

First Year Experience (FYE) Leader
Taylor's University Lakeside Campus, MALAYSIA | 10/2015 - 03/2018

The FYE Team prioritises on providing First Year students the resources and support needed to transition into university life through:
- familiarizing themselves with the university environment, culture and support services; and
- instilling a sense of purpose and direction by helping them understand the relevance and applications of whatever they learn in their courses with the outside world.

Key roles:
- planning and facilitating various FYE events for SoCIT's First Year students (i.e. orientation ice-breaking sessions, bonding sessions over meals)
- managing and moderating the FYE blog posts and Facebook group posts

Orientation Scholar Team Member
Taylor's University Lakeside Campus, MALAYSIA | 01/2016 - 03/2017

- helped out as one of the Campus Hunt game station masters
- became part of the support team during the Scholars' Welcome Party events handling registration and serving of refreshments

Team Lead
Good Samaritan Home, Klang, MALAYSIA
04/2017 - 05/2017

Key roles:
- team lead of a group of seven people including self
- taught essential IT skills (i.e. Microsoft PowerPoint, GMail, typing skills) and basic online awareness to orphans at the home (aged 9 - 17)
- completed Community Service Initiative module as required for all bachelor programmes by Malaysia's Ministry of Higher Education (MOHE)

SKILLS

Languages

C / C++, Java, C#, HTML, CSS, PHP, JavaScript, R, Python, MySQL

Frameworks

Bootstrap, Material Design Lite (MDL), Wordpress, Joomla!

Multimedia and Design

Final Cut Pro, Audacity, iMovie, Adobe Illustrator, Adobe Photoshop, Adobe Indesign, Adobe Experience Design, Adobe Flash / Adobe Animate

INTERESTS

- Mathematics
- Artificial Intelligence
- Cybersecurity and Cryptography
- Algorithm Analysis
- Data Structures
- Education and Learning

PROJECTS

SMITA International Market Procurement Center (SIMPC)
HTML, CSS, Bootstrap, PHP, Javascript

An online procurement center created specifically for SMITA to help small and medium enterprises (SMEs) to expand their businesses on a global scale.

Taylor's SoCIT Capstone Project Repository (CPR)
HTML, CSS, JavaScript, JQuery, PHP, SBAdmin, Bootstrap

A web application for Taylor's University SoCIT final year students to utilize in obtaining samples of previous final year projects as well as getting updates on upcoming deliverables and their respective mark distributions Aspiring project clients can also use this platform to view the requirements needed to be fulfilled by the students in their final year projects, as well as guidelines on the unviersity programmes' outcomes. All the information viewable including addition and management of final year projects are handled by an administrator.

REFERENCES CAN BE PROVIDED UPON REQUEST.

REFERENCES

Mr TEE Wee Jing
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