



HEW KANG YOU

ABOUT ME

I am a highly motivated Computer Science student at Asia Pacific University of Technology and Innovation (APU) with a strong foundation in programming, data analysis, and network administration. With hands-on experience in various group and individual projects, I have honed my skills in various programming language. I am currently seeking an internship opportunity where I can further develop my technical abilities, contribute to real-world projects, and gain valuable industry experience.

COURSEWORK

Project Management System

- Object-Oriented Programming with Java | Grade A+
- Took on the most challenging role and functions within the project
- Acted as the primary code integrator, responsible for collecting, debugging, and ensuring the compatibility of all group members' code
- Facilitated effective communication and collaboration among team members to ensure the completion of the project in time

Network Administration Project

- Rocky-Linux & Ubuntu | Grade A+ (Individual Assignment)
- Configured and managed network services including DNS, DHCP, Firewall, Email & Web Server
- Implemented SSL/TLS encryption to secure communications and data transmission
- Demonstrated professional-level skills in debugging and troubleshooting issues across Linux platforms to maintain system efficiency and security

Credit Score Analysis and Classification

- R Programming | Grade A
- Conducted an in-depth analysis of a dataset containing bank customers' credit-related information to classify credit scores.
- Applied data exploration, manipulation, transformation, and visualization techniques.
- Provided insights and recommendations based on the analysis, contributing to decision-making for stakeholders.
- Led debugging and validation tasks for the R script, ensuring error-free execution and accurate results.

Student Semester Planner System

- C Programming | Grade A+
- Developed a system for students to formulate and manage their schedules
- Led the integration of code from team members and conducted extensive debugging to ensure seamless functionality
- Played a key role in identifying and resolving complex issues, which contributing to the overall success of the project

Grocery Inventory System

- Python Programming | Grade A (Individual Assignment)
- Developed a system to track the flow of items and replenish items in the stores
- Completed all tasks independently, including design, implementation, testing, and debugging.
- Achieved an A grade for the project, demonstrating a high level of proficiency in Python and inventory management systems.

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EDUCATION

● Asia Pacific University of Technology & Innovation (APU)

Bachelor of Science (Honours) in Computer Science

March 2023 ~ Now (Year 2 Semester 2)

Overall CGPA: 3.72

SKILLS

- Object Oriented Programming
- Programming Languages:
 - Java
 - C++
 - C
 - Python
 - Assembly
 - R
 - HTML
 - CSS
 - SQL
- Linux-based System Configuration
 - DNS & DHCP Server
 - Email Server (Postfix & Dovecot)
 - Web Server
 - SSL/ TLS Encryption
 - SSH Server
 - NFS Server
- MySQL Database Management
- Basic Concept of Networking (Cisco Packet Tracer)
- Network Security

CERTIFICATES

- Red Hat System Administration I (RH124)
- Python Essentials 1
- Python Essentials 2
- CCNAV7: Introduction to Networks
- SPM
 - 5A (including ENGLISH & ADDITIONAL MATHEMATICS)