## **Professional Summary**

A highly motivated and detail-oriented engineering student with a strong background in Robotics Systems, proficient in SolidWorks, Python, and C programming. Experienced in Systems Engineering, Data Analysis, and Project Management. Seeking an engineering internship to leverage my technical skills and contribute to innovative projects. Projects done are recorded in ePortfolio.

## **Skills**

**Technical Skills**

* Data mining software: Rapid Miner
* Microsoft Office: Word, Excel, PowerPoint
* SolidWorks
* Basic Python and C programming
* Systems Engineering (SEBOK)
* Project management

**Workplace Skills**

* Fluent in English and Chinese
* Strong teamwork and analytical skills
* Responsible, meticulous, and self-motivated
* Effective interpersonal and communication skills
* Ability to work independently

## **Relevant Work Experience**

**Intern, Destination Services & Intercruises**  
Apr – Jul 2019

* Conducted data analysis using Excel Macro and Microsoft Access
* Collaborated on projects to improve processes
* Enhanced IT-related skills through research

**Technical Projects**

* **Robotics System Design Project**: Designed and implemented a robotic arm using SolidWorks, integrated with a Python-based control system.
* **Data Analysis Project**: Utilized Rapid Miner for data mining and analysis, leading to improved project outcomes.
* **Systems Engineering Project**: Applied SEBOK practices to develop a comprehensive engineering project, focusing on system requirements and lifecycle management.

## **Education**

**Bachelor of Engineering with Honors in Robotics Systems**  
Apr 2022 – Present

* Proficient in SolidWorks
* Basic proficiency in Python and C programming
* Knowledge of Systems Engineering practices (SEBOK)
* Exposure to ROS and C++
* Experience in Project Management

**Diploma in Business Process & Systems Engineering, Temasek Polytechnic**  
Apr 2017 – Apr 2020

* GPA: 3.17/4

## **Additional Information**

* Edusave Merit Bursary 2020 (Top 25%)
* Good Progress Award 2019 (Top 10% most improved)
* Polytechnic Major Project and Student Internship (Grade A)
* Polytechnic Key modules: Engineering Analytics, Marketing Research, Supply Chain Management (Grade A)