LOW EERON

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# PERSONAL PROFILE

Enjoy learning new things, for example completing Coursea Google Data Analytics course during my summer break in 2022. Ha﻿ve a positive and a can-do attitude. Able to work well in a team and perform under pressure. Looking for full time job after graduating May 2024

# EDUCATION

## National University of Singapore Aug 2020 - Present Bachelor of Engineering

* Bachelor of Industrial and system engineering Honours

Minor in Data Analytics

* Expected Date of Graduation : May 2024
* CAP: 4.12 ( 2nd Upper Class Honours)

# WORK EXPERIENCE

## Keystone Cable, Production Engineering intern MAY 2023 - JUL 2023

* **Cost Analysis:** Led comprehensive evaluation of BOFA and SRA fume extractors, demonstrating 158% cost savings for BOFA, enhancing fiscal prudence.
* **Error Reduction:** Analyzed ink printer errors, collaborating for 30% reduction through improved setup and training.
* **Data-Driven Insights:** Spearheaded Power BI analyses, uncovering actionable insights for 20% improved decision-making.
* **Predictive Maintenance:** Implemented MongoDB-based predictive maintenance, empowering 15% downtime reduction for heightened efficiency.

## Singhealth , Simulation and data analytics AUG 2022 - MAY 2023

* **Developed Accurate Patient Model:** Created a cardiac arrest patient model using Flexsim and Python, achieving an impressive 95% accuracy in replicating Singapore's patient demographics.
* **Optimized Resource Allocation:** Conducted thorough scenario analyses within Flexsim, including analysis of ICU bed capacity, patient diversion to CAC, and varying patient inflow rates.
* **Enhanced Survival Rates:** The insights garnered from the analyses played a pivotal role in optimizing resource allocation strategies, significantly improving overall patient survival rates through well-informed decision-making.

## Defence Science Technology Agency, Administrator Jan 2020 - Mar 2020

* Compiled and updated students data in system and manage to remove redundancy by 50%, by using excel knowledge from IE111R module.
* Collaborated with colleagues to set up interview rooms and able to increase efficiency by 30%.
* Interacted and coordinated with students to set interview dates and help reduce overall workload of colleagues.

# SKILLS

* Google Data Analytics coursera course ( spreadsheets, SQL , Tableau and R )
* Techinical Skills : Python | R programming | SQL | Tableau | Power BI
* Soft Skills : Team player | Resilient | Eager learner | Diligent | Persistent
* Fluent in English and Chinese ( both spoken and written)

# EXTRA CURRICULAR ACTIVITIES

## Table Tennis, Member Jan 2016 - May 2017

* Collaborated with fellow peers and competed in National inter-School Table Tennis A Division and gotten top 10.
* Facilitated in organising CCA open house and persuading students to join table tennis.
* Build extensive camaraderie through intensive training and understanding meaning of teamwork.

# LEADERSHIP EXPERIENCE

## Class Leader and Student Welfare, Leader Jan 2016 - Nov 2017

* Manage class wellbeing and making sure no one is lacking behind academically.
* Engaging in 2016 and 2017 open houses to advocate student life in Yishun junior college to new olevel graduates.

# AWARDS AND SCHOLARSHIP

* Table Tennis Team Service Merit 2017
* Table Tennis Team Merit Award 2016 and 2017
* Edusave Certificate of Academic Achievement 2016 and 2017

# VOLUNTEER EXPERIENCE

* Volunteered in Sree Narayana Mission Home, engaging and understanding wheel chair bound seniors in 2017.
* Volunteered at Sunshine Welfare Action mission, spending time and showing support to the elderly in 2016