

LOW EERON

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Projects: <https://loweeron99.github.io/loweeron.github.io/>

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 Bachelor of Engineering

Aug 2020-May 2024

- Bachelor of Industrial and system engineering Honours
Minor in Data Analytics
- Expected Date of Graduation : May 2024
- CAP: 4.16 (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)
- Technical 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