

Randy Chong Jun Er

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<https://randycje.github.io/>

Robotics System undergraduate with a keen interest in leveraging technology, analytics, and AI to solve business/technical problems and to drive innovation. Completed numerous school projects which requires different technical skill set.

Actively seeking Robotics Engineering related internship opportunities for the period between May to August 2024 as part of my Term-In-Term-Out (TITO) program.

EDUCATION

Singapore Institute of Technology **Aug 2023 – Current**
Bachelor of Engineering in Robotics System Engineering

Nanyang Polytechnic **Apr 2018 – Apr 2021**
Diploma in Business Information Systems and Diploma Plus in Robotic Process Automation (RPA).

WORK EXPERIENCE

Data Analyst Intern **Mar 2021 – Aug 2021**
KILDE Pte Ltd

- Wrote SQL Scripts to query data from the PostgreSQL database
- Analyzed large datasets (>10,000 data points) using PostgreSQL
- Built interactive dashboards using the data for customer acquisition funnels and customer segmentation to derive insights and build action plan
- Setup Segment visual tagger on landing page to track user's events
- Created targeted advertising on Facebook

Customer Service Officer **Sep 2016 – Feb 2018**
CapitaLand Pte Ltd

- Assisted in attending to customer needs
- Handled collection and purchase of SISTIC tickets and Capitavouchers
- Updated membership loyalty points
- Involved in raising awareness of promotions and events to shoppers

PROJECT EXPERIENCES

PUB Pledge to Save Competition – 3rd Runner Up

Designed and developed a website using HTML, CSS and JavaScript that aims to spread the importance of water conservation and allow people to pledge to save water online.

Regional Sales Monitoring Dashboard

Developed interactive regional sales monitoring dashboards using Tableau and Tableau Prep to gain deeper insights on regional sales performances. Designed and created star schema for data marts to build the dashboard.

Social Service Innovation Project – Design Thinking and Rapid Prototyping

Created personas using interview data and created storyboarding to map out customer journey using Figma and Canva. Applied design thinking methodology to redesign current healthcare e-appointment system to be more elderly friendly.

TECHNICAL SKILLS

Programming Language: Python, MySQL, JavaScript, HTML, CSS, C#, AngularJS, C, C++

Tools: Tableau, UiPath, Bizagi, Figma, Canva, LeadPages, Segment, Google Analytics, SolidWorks