

## Lim Bei Ling Cheryl

Singapore | [cheryllimbeiling@gmail.com](mailto:cheryllimbeiling@gmail.com) | +65 83386175 | <https://www.linkedin.com/in/cheryl-lim-3a9a98201>

### WORK EXPERIENCE

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#### Smart Nation (Government Data Office (GDO)) – Data Analyst Intern May 2022 – August 2022

- Analysis of GovTech IT service management data queries and consultations
  - Analyse and Visualise queries to identify resourcing efforts put in by GDO and resource savings from agencies using python seaborn, wordcloud and pandas
  - Analyse and identify potential trends and problematics policy areas, for future review
- Singapore Government Data Reference Model (SG-DRM)
  - Review on SG-DRM v4.1
  - Update SG-DRM to include the data standards of core data
  - Work with SSOTs and relevant agencies to ensure that standards of core data fields and code tables are incorporated into SG-DRM and are up to date

### PROJECTS

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#### Microsoft Excel Project in collaboration with Gin Thye – Excel Expert

- Utilized Microsoft Excel functions including SUMIF, COUNTIF, LOOKUP, Solver
- Created pivot tables and charts using worksheet data and external resources, modified pivot tables, sorted items and group data for analytics purposes
- Created visually appealing dashboards for demand forecast, scheduling and price adjustment in Excel using pivot tables and VLOOKUP, aimed to reduce the new cost margin by at least 10%
- Task automation using Macros and VBA
- Tech Stack: Microsoft Excel, VBA

#### EXPATacular – Front-End Developer

- Developed user interfaces with modern JavaScript frameworks including Vue.js and Node.js, also with HTML, CSS to come out with a website for Expats to get to know more about Singapore before travelling to Singapore
- Integrated with RESTful APIs to search for locations, currencies, and covid-19 statuses
- Modified existing NodeJS code and MongoDB cluster to move data from one system to another
- Tech Stack: MongoDB, CSS, HTML, Vue.js, Node.js, Restful APIs, Bootstrap

#### Personal Website – Front-End Developer

- Developed responsive personal portfolio with JavaScript frameworks including Node.js, also with HTML, CSS. Deployed using AWS Amplify
- Designed user interface with google fonts and unicorns
- Developed first with the Mobile First methodology, then for desktop. Compatible for all devices
- Includes a light and dark mode
- Tech Stack: CSS, HTML, Node.js, AWS Amplify

## EDUCATION

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### Singapore Management University

2020 – 2024

*Bachelor of Science (Information Systems)*

- Majors: Digital Cloud Solutioning, Data Science and Analytics
- Activities and societies: SMU Women In Tech, SMU Climb Team, SMU Business Intelligence and Analytics, SMUX Trekking, SMU Operations Management Society

### St Andrew's Junior College

2018 - 2020

*A Level, Science (H2 Physics, H2 Chemistry, H2 Math, H1 Economics)*

- Activities and Society: Symphonic Band
- Talent Development Programme (TDP)
- Honour roll for Promos, Mid-Year Exams

### Pei Hwa Secondary School

2014 - 2017

*O-Level, Double pure science*

- Activities and Society: Symphonic Band
- Received CCA achiever award
- Received Value Added award for O levels

## LEADERSHIP EXPERIENCE

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### SMU Operation Management Society - Finance Director

April 2022 – Present

- Oversees all financial activities, reporting on budget and spending
- Engage with sponsors and monitor expenditure
- Worked on the OMS website

### Pei Hwa Symphonic Band – Student Conductor and Vice President

Jan 2017 – Dec 2017

- Conducts, directs, and leads the band for instrumental performances and warmups
- Prepare the band for the Singapore Youth Festival (SYF) performances
- Make sure the band performs harmoniously
- Responsible for the administrative details of leading the band

### Pei Hwa Symphonic Band – CCA Chairperson and Lower Secondary CCA Executive Committee

Jan 2015 – Dec 2016

- Coordinated and carried out CCA activities
- Responsible for taking attendance and involved in secretary duties

## SKILLS AND CERTIFICATIONS

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**Technical Skills:** Python | JavaScript | Vue.js | CSS | HTML | PHP | Microsoft Word | Microsoft Excel | Microsoft PowerPoint | Machine Learning

**Software Tools:** MySQL | Microsoft Office | Visual Studio Code | Tableau | Anaconda | PyCharm | Figma

**Certifications:** AI100 Python programming and Data Visualisation issued by Heicoders Academy (2020) | AI200 Applied Machine Learning issued by Heicoders Academy (2020)

**Soft Skills:** Works collegially with peers | Organized and Responsible | Proactive in leading projects | Detail-oriented | Active Learner | Adaptability