

DARYL YOON KAILE

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I am an innovative programmer and web designer, passionate about learning more and sharpening my skills. A creative thinker that is adept in software development and working with different data structures. I am always eager to learn and love working in teams, putting my best in everything I set out to do.

EDUCATION

Singapore Management University

Aug 2021 – Aug 2025

Degree in Bachelor of Information System, Current GPA of 3.47/4.0 (Cum Laude; Distinction)

Double Major in Business Analytics and Digitalisation & Cloud Solutions

Serangoon Junior College

Jan 2017 – Dec 2018

General Certificate of Education A Level , Rank point of 74/90

WORK EXPERIENCE

GovTech

May 2023 – Dec 2023

Software Engineer Internship

- Collaborated with various government stakeholders, including WSG and SSG, to drive national career health projects, facilitating the alignment of industry initiatives with governmental goal
- Development of a web prototype, managing both frontend and backend development to deliver a seamless user experience
- Successfully integrated an AI/machine learning-powered chatbot, enhancing user engagement and support capabilities
- Utilized AGILE methodology to streamline project workflows, improving efficiency and collaboration within the team
- Collaborated with Google on a strategic partnership, actively contributing to the development of a cutting-edge machine learning product
- Conducted frequent presentations to senior leadership, effectively communicating project updates, milestones, and strategic insights

Aloha

Jan 2023 – May 2023

Full Stack Developer Internship

- Tasked to fully develop a website and a mobile application for a start-up business

RSM

May 2022 – Jul 2022

Data Science Internship

- Tasked to join the team in developing both front and backend of a new software (Python, HTML, CSS, Bootstrap, JavaScript) to stream line business processes for the company
- Selected to lead various coding projects (Web-scraping, ESG related projects)
- Completed an individual project to build and launch a full stack web application using Django on the company's intranet for the new software
- Tasked to teach the Data Science team how to use Django to build a web application
- Tasked to learn Knime to assist auditors with any queries regarding the software
- In-charge of teaching and setting up a Virtual Machine and database environment for the software

Caffe Fernet

Nov 2020 – Jul 2021

Hospitality Associate/ Bartender Trainee

- Maintained high standards of customer service during high volume, fast paced operations
- Pitched ideas to management to improve the efficiency of the current management system
- Built loyal client base with customers through assisting them in their queries and attentiveness to details
- Expanded knowledge and skills on bartending

National Service, Commando Sergeant

Jan 2019 – Nov 2020

ORD as Second Sergeant

- Completion of 72km march
- Bilateral training in Taiwan and Brunei
- Completion of Commando Leaders Course
- Directed a team of specialised and driven individuals in combat and trainings to ensure a high standard is achieved

SKILLSETS

Computer Knowledge

- Frontend Development
 - HTML
 - CSS

- Bootstrap
- JavaScript
- React Native
- VueJs
- ReactJS
- Backend Development
 - Python
 - Django
 - Java
 - Flask
 - PHP
 - Docker
 - Kubernetes
 - RabbitMQ
 - RESTful API
- Database Management
 - SQL
 - Pandas
 - PostgreSQL
- Design and Prototyping
 - Figma
 - Adobe Photoshop
- Cloud Hosting
 - Amazon Web Services (AWS)
- Data Analytics
 - Tableau
 - Power BI
- Machine Learning and Data Science
 - Python
 - CatBoost
 - XGBoost
 - Langchain

Languages

- Fluent in English (Spoken and Written)
- Fluent in Chinese (Spoken and Written)

EXTERNAL COURSES/ COMPETITIONS

Google Trailblazers

Present

- My team at GovTech has been selected for a collaborative project with Google Developers
- Over the course of 8 weeks, we will be working together to develop an AI chatbot prototype aimed at enhancing national career health.

Dell InnovateFest

Sep 2023

3rd Place

- Our mobile app seeks to assist PWIDs when ordering food in restaurants, especially PWIDs with limited verbal communication abilities. Flutterview allows PWIDs to scan a restaurant menu, and place their orders via the app. Following that, orders can be transformed into automated speech, thus removing the necessity for verbal interactions with restaurant staff. In addition to streamlining the ordering procedure, our application motivates and empowers PWIDs to improve their communication abilities by practicing phrases, particularly when placing food orders.

.HEAP Software Development Programme

May 2022 – July 2022

Certification

- Ideation and creation of Software Development Project
- Exclusive workshops conducted by SMU alumni from top companies
- Mentored by experience seniors and industry experts

Shopee Code League Hackathon

March 2022

Certification

Carro X AWS Hackathon <i>Certification</i>	March 2022
Code# Coding Competition <i>Participation</i>	March 2022
AI200 Course on Machine Learning <i>Certification</i> <ul style="list-style-type: none"> Participated in Capstone Project Competition 	Nov 2021 – Sep 2021
IKOMA Language School <i>Student</i> <ul style="list-style-type: none"> Basic level Japanese 	June 2021 – Sep 2021
Harvard Courses, Introduction to Web Development <i>Participant</i> <ul style="list-style-type: none"> Completed projects related to the course 	May 2021 – Jun 2021
Harvard Courses, CS50 Introduction to Computer Science <i>Participant</i> <ul style="list-style-type: none"> Completed projects related to the course 	March 2021 – April 2021
Tertiary Courses Singapore, Deep Learning with Python and Tensorflow <i>Certification</i> <ul style="list-style-type: none"> Completed projects related to the course 	Nov 2020 – Dec 2020
CO-CURRICULAR ACTIVITIES	
SMU Samba Masala <i>Member</i>	August 2021 – Present
SMU Ultimate Frisbee <i>Member</i>	August 2021 – Present
SMU Project Studium <i>Member</i> <ul style="list-style-type: none"> Collaborated with Sembawang Family Service Centre in tutoring and providing guidance to a group of less fortunate students 	August 2021 – Present
Web DD <i>Co-Founder</i> <ul style="list-style-type: none"> Providing clients with both front end and back-end web application development to better service their customers with seamless transactions 	July 2021 – Present
SRJC Taekwondo <i>Member</i> <ul style="list-style-type: none"> Participation in annual competitions Emerged Top 3 in most of the participated categories 	Jan 2017 – Dec 2018