

TAN E-Zhen

SUMMARY OF SKILLS

An adaptable, detail-oriented and self-directed learner with strong leadership skills. I have a strong interest in helping organisations and teams in managing and harnessing data to optimise performance. My skills include:

- Preparing data for easy mining, including dealing with missing and messy data.
- Creating visuals and graphs of present and historical data using tools such as Tableau and Python to find trends and insights for more effective problem solving and decision-making.
- Carrying out data analysis, including data mining, with Python and IBM SPSS Modeler.
- Learning new skills on my own, e.g. machine learning models.

EDUCATION

Singapore University of Social Sciences Bachelor of Science in Business Analytics with Minor in Algorithmic Development	JUL 2018 – JUN 2022 (expected)
Jurong Junior College GCE "A" Levels	FEB 2016 – DEC 2017

WORK EXPERIENCE

ShopBack Data Analyst Intern <ul style="list-style-type: none">• Built dashboards and reports for various stakeholders• Data exploration to gather new insights• Assisted with the data migration to a new platform• Language used: SQL	DEC 2020 – JUL 2021
Jewel Paymentech Data Science Intern <ul style="list-style-type: none">• Evaluated the accuracy of 3 trained classifiers by calculating the percentage of false positives• Trained an auto-encoder to find top 1% of outliers• Language used: Python	NOV 2019 – JAN 2020
Writers@Work Enrichment Teaching Assistant and Part-Time Teacher <ul style="list-style-type: none">• Teaching a weekly P4 creative writing class from end May 2019• Relief teaching, from P1 to Upper Secondary level, for teachers who are on leave• Marking and grading scripts, ranging from P2 to Upper Secondary level	JUN 2018 – Present

ACTIVITIES

Dance(x) <i>SUSS's Dance Interest Group</i> President <ul style="list-style-type: none">• Founded the IG along with 2 other students• Planning and co-ordinating the recruitment drives for the IG with the other committees• Creating and managing documents on Google Drive to facilitate the IG processes• Liaising with Office of Student Life (OST) mentors to commence IG activities and to ensure venues for all genres are booked• Working with ex-co members to plan the IG's direction• Working with VPs and Dance Captains from all genres to ensure that each genre is running smoothly• Supporting Korean Dance Crew (KDC) VP to organize members into their respective Choreo Teams for each cycle	NOV 2020 – Present
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Shopee Code League 2020

8 JUN – 8 AUG 2020

Team NSEW

- Participating in weekly challenges ranging from Data Science, Data Analytics and Algorithm topics
- Attending webinars organised by Shopee to upskill and apply the new knowledge to the challenges
- Language used: Python

SCDF x IBM Lifesavers' Innovation Challenge: Call for Code 2020

12 – 14 JUN 2020

Team Argonauts

- Our team's project objectives aimed to identify road accidents with object detection and find the shortest route with the least traffic to the accident site
- Platform used: IBM Cloud

SKILLS AND COMPETENCIES

- IT Skills: Python, SQL (intermediate), Tableau (intermediate), IBM SPSS Modeler, basic knowledge of R, HTML and SAS Forecast Studio
- Language Skills: English (Native), Mandarin (Fluent)
- Deep Learning Specialization by deeplearning.ai on Coursera. Certificate earned in 2020
- Certificate of Completion for R Bootcamp Course I: R Programming Fundamentals from SUSS, obtained in 2019
- Certificate of Attendance for R Bootcamp Course II: Data Analytics Using R from SUSS, obtained in 2019
- Certificate of Completion for Introduction to Social Media Analytics from Temasek Polytechnic, obtained in 2018