

Tong Hui Kang

Singapore Citizen | hello (at) huikang.dev

[Resume](#) | [LinkedIn](#) | [Blog](#) | [Github](#) | [Kaggle](#) | [Codeforces](#) | [Poe](#)

Work Experience

Quora

Nov 2021 - Present

Machine Learning Engineer

Improved the recommendation systems for Quora feed and digest

Generated many Quora questions with ChatGPT

Made many tutorial bots on Poe, a marketplace of AI bots by Quora

Technical domains: python, C++, PrestoSQL, git, prompt engineering

Versafleet

Dec 2020 - Jan 2021

Data Science Intern

Explored vehicle and driver features to improve the estimate of the time of arrival

Reviewed literature and prototyped a learning-based approach for vehicle routing problem

Technical domains: python or-tools pandas matplotlib, git, PostgreSQL

Teralytics

Jan 2020 - Nov 2020

Data Science Intern

Designed and implemented metrics to illustrate the accuracy of proposed methods

Optimized and parallelised routine calculation pipelines with PySpark

Collaborated on repositories through a code review process with supervisors

Technical domains: python pandas matplotlib pyspark, git, unit tests, bash

2359 Media

Dec 2018 - Sep 2019

Software Engineer Intern

Delivered an API for chatbot builders to provide logic to the chatbot without writing code

Developed a file conversion tool to visualise the chatbot content in a spreadsheet

Technical domains: nodejs Express, Azure Functions, python

Education

Singapore University of Technology and Design

May 2017 - Aug 2021

Bachelors of Engineering with Honours

Engineering Systems and Design, Operations Research Track with Computer Science Minor

Grade Point Average > 4.00/5.00

Singapore Management University

May 2017 - Aug 2021

Bachelor of Business Management

Grade Point Average > 3.00/4.00

Activities

SUTD Robotics Club

May 2017 - March 2020

Committee Member, SAUVC participant

Facilitated Arduino workshops for more than 100 participants

Engineered hydrophones to locate pingers for SAUVC competition