

Koh Chi Hao

SOFTWARE ENGINEER

Professional Experience

Mastercard Singapore @ Labs

June 2020 – July 2020

Software Engineer Intern

- Research and developed proof of concept Voice Commerce application
- Developed NLU model using Azure Cognitive Services
- Deployed SpringBoot backend to Azure Cloud
- Integrated Alexa and Google Assistant with NLU model

Singtel SHINE Internship @ NCS

May 2019 – Aug 2019

Software Engineer Intern

- Developed Angular webpages for data aggregation microservice with search and filter functionality for each business intelligence report
- Designed Crystal report templates for client to download reports
- Refactored and updated data aggregation microservice – Wrote producers and consumers for event triggers

SGAG/HEPMIL Mobile Game App

May 2018 – Aug 2018

Software Developer Intern

- Developed React Native Live Gameshow app ([Panik](#))
- Used Firebase Realtime DB, Storage, Cloud Functions, Auth
- Researched/Used Ultra Low Latency Live Streaming Technologies – Wowza Streaming Cloud/Streaming Engine, Azure Medialive

Software Projects

NUS Buses

Dec 2017 - Ongoing

Developer

- Built a React Native app to display real-time bus arrival time
- Backend built with ExpressJS and Firebase Realtime DB
- Growing user base ~700 as of Jan 2019
- Link: <https://goo.gl/Vt79fH>

SGMRT_BOT

July 2017 - Ongoing

Developer

- Built a Telegram Chatbot to avoid taking train during disruption
- Improved passenger travel time and allowed for efficient planning
- Growing user base ~5000 as of Jan 2019
- Link: https://t.me/sgmrt_bot

Contact

(65) 81889177

kohchihao@gmail.com

[linkedin.com/in/kohchihao](https://www.linkedin.com/in/kohchihao)

github.com/kohchihao

kohchihao.com

Education

National University of Singapore

Aug 2017 – Dec 2020

Bachelor in Computer Science with Honours

Focused on Software Engineering and Database

CAP: 4.23/5.0

Singapore Polytechnic

Feb 2012 – May 2015

Diploma in Computer Engineering

Specialised in Networking and Security

Diploma with Merit and Silver Redot recipient

GPA: 3.92/4.0

Technical Skills

Java, NodeJS, React Native

Firebase, ReactJS, Git

PostgreSQL

User experience design

Achievements

Featured on Hype & Stuff website

Telegram MRT Bot: An NSF Created An App So That You Don't Break Down When The MRT Does

Link: <https://goo.gl/oiE18K>

Featured on Vulcan Post website

This NSF Built A Telegram Bot To Let Us Know When SMRT Fails Because "Where Got Time?"

Link: <https://goo.gl/4zD6Wx>