

HAZIM SULAIMAN

hajimss.github.io

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EDUCATION

NATIONAL UNIVERSITY OF SINGAPORE BACHELOR OF ENGINEERING (MECHANICAL ENGINEERING)

Aug 2016 - May 2020

- Technical electives:
Programming
Methodology (C), Data
Structures and
Algorithms (C++)

HANYANG UNIVERSITY (KOREA)

Jul 2018 - Aug 2018

- Summer Exchange

SKILLS

DATA

Pandas, Apache Kafka,
Kafka-Python, SQL-Alchemy

DATABASES

MySQL, MongoDB, OracleDB

WEB DEVELOPMENT

HTML, CSS, ReactJS, Flask,
Django

PROGRAMMING

Python, Java, Javascript, C++

MISC

Git, Figma

SPOKEN LANGUAGES

English, Malay

LINKS

GITHUB

hajimss

LINKEDIN

hazim-sulaiman

PORTFOLIO SITE

hajimss.github.io

PROFILE

Software Engineering / Web Development Enthusiast, who enjoys building web applications and competitive programming as hobby. Currently working as a Software Developer and does side tech projects after work. Continuously learns libraries and frameworks associated with Python, C++, Javascript, both frontend and backend.

WORK EXPERIENCE

SOFTWARE ENGINEER

UBS | Oct 2020 - Present

- Department: Network Services Automation
- ETL - Data WareHouse Management
 - Upkeep data integrity of Network Inventory tables by writing ETL scripts and running cron jobs
 - Optimise queries of source databases
 - Implemented the consumption of data through Confluent Kafka and Kafka Connect for SNMP data
 - Design data processing cycles and data workflows
 - Maintain an API that clients use to fetch our data
 - Unit testing of incoming data
 - Set up python documentation for internal data management package (Sphinx)
- Frontend & Backend Migration
 - Introduced ReactJS for frontend (notable dependencies: Redux Toolkit, Material-UI, VisX)
 - Implemented Django with Django REST Framework to replace Web2Py backend framework

MECHANICAL ENGINEER (INTERN)

Schlumberger | Jul 2018 - Dec 2018

- Supported SWTC's new product development department
- Created CAD (Computer-Aided Design) models, assemblies and drawings

RELEVANT EXPERIENCE

FINTECHSG PROGRAMME

National University of Singapore. | Aug 2020 - Oct 2020

- Frontend and Backend Web development (Javascript, React, Database: MySQL, MongoDB), and Containerisation
- Data Analytics and AlgoTrading (QuantConnect)
- UI/UX on Figma,
- Blockchain (Smart Contracts using Solidity)

IOT/ROBOTICS ENGINEER

Catalyst Connector Pte Ltd | Jan 2019 - May 2019

- To alleviate the burden of labourers, led a team of six to designed an autonomous grass cutting robot that is functional and reduce labour cost
- Supervised shell modelling and manufacturing, using Solidworks and machineries; implemented structural analysis with Ansys