

Nicholas WAN

DATA SCIENTIST · BUSINESS ANALYTICS MAJOR



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www.nicholaswan.me



live:nicholaswan



<https://github.com/nicholas-wan>

About Me

Programming Python · Java

Analytics R · SQL · Tableau

Web HTML / CSS / JavaScript · VueJS · MeteorJS

Multimedia Photoshop · Premier Pro · After Effects · Audition

Internship

National University Hospital

Singapore

DATA SCIENTIST

Dec. 2018 - Present

- Created a model for predicting patient readmission within a 30 day period, using Natural Language Processing and Neural Networks, and Random Forests.
- Worked on generating a realistic synthetic dataset to be released to the public and used in Hackathons.
- Automated the process of extracting information from Free-Text form for Gastro-Translational Research.

Admore Living

Singapore

WEB DEVELOPER

Aug. 2018 - Nov. 2018

- Created a website to market luxury high-end furniture
- www.admoreliving.com

Bags by Samarkyra

Singapore

WEB DEVELOPER

Jul. 2018 - Sep. 2018

- Created a website to market uniquely designed handmade bags.
- www.bagsbysamarkyra.com

Guco Consulting

Singapore

WEB DEVELOPER

May. 2018 - Jun. 2018

- Created websites for four different companies.
- Worked with a team of interns to develop marketing strategies.

Project

Hack4Climate

bit.ly/ynclizzard

- Created a website to show how different stakeholders (Country / City / Industries) are affecting the environment, using Data Visualisations with Plotly.
- Won 1st place in YaleNUS Hackathon in the Data Science Category, [Hack4Climate](https://bit.ly/ynclizzard).

Data Analysis on Induced Abortions

- Worked with a medical student and National University Hospital to analyse their data on induced abortions.
- Found correlation of features using Dython's [Correlation Ratio](#).

Algorithm for Forex Trading

bit.ly/ynclizzard

- Used Keras' LSTM to implement a trading model.
- Used the values various technical indicators for volume, momentum, trend, and volatility as features for the model.

Modules+

www.modulesplus.me

- Created a web application using VueJS that aims to improve the timetable planning that students from the National University of Singapore currently use.

Education

National University of Singapore

Singapore

HONOURS IN BUSINESS ANALYTICS

Aug. 2017 - Present

- NUS Merit Scholarship
- Cumulative Average Point: 4.64 / 5.00
- Expected Date of Graduation: Dec 2020 (3.5 Years)

