

Nicholas WAN

DATA SCIENTIST · BUSINESS ANALYTICS MAJOR



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www.nicholaswan.me



live:nicholaswan



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

Education

National University of Singapore

Singapore

HONOURS IN BUSINESS ANALYTICS

Aug. 2017 - Present

- NUS Merit Scholarship
- Cumulative Average Point: 4.66/ 5.00
- Expected Date of Graduation: Dec 2020 (3.5 Years)

About Me

Programming Python · Java

Analytics R · SQL · Tableau

Web HTML / CSS / JavaScript · VueJS · MeteorJS

Multimedia Photoshop · Premier Pro · After Effects · Audition

Internship

The League

San Francisco

DATA SCIENTIST

Upcoming in Aug 2019

- NUS Overseas Colleges Programme (Silicon Valley), Batch 36.

National University Hospital

Singapore

DATA SCIENTIST

Dec. 2018 – Jun 2019

- 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

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/yncblizzard

- 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](#).

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/algo-forextrade

- 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