

Alexandra Khoo

Political analyst turned coder who enjoys digging into data to uncover insights and stories

+65 9276 0321

the.data.curious@gmail.com

[The Data Curious \(website\)](#)

SELECTED DATA PROJECTS

Wedding songs data viz for 2019 XDS Data Storytelling Challenge -

Received a commendation for creativity and design. Used Spotify data to explore traits of popular wedding songs and visualised them as cupcakes.

Infographic on data viz tools - Investigated which tools tend to be favoured under which conditions from a 2019 survey dataset to help inform people's tool choices for learning

Earthquake damage prediction - Built a Random Forest machine learning model to predict a building's level of damage based on the building's features

EXPERIENCE

Maritime and Port Authority of Singapore

Senior Manager, Policy & Strategy

AUG 2017 - PRESENT

Plan end-to-end workflow, carry out research, and conduct surveys/ interviews with industry stakeholders on key developments that affect Singapore's maritime future.

Served as speechwriter to the Chief Executive for keynote events, where the organisation's priorities and plans are shared with industry guests and staff

Manager, International Relations

SEP 2015 - AUG 2017

Co-represented Singapore in international negotiations on shipping's greenhouse gas emissions. Analysed and managed policies on marine environment issues.

Received **2016 Singapore National Excellent Service Award (Silver)** for excellent service while organising an international conference with International Maritime Organization, a UN agency, among other activities

She Loves Data

Blog Chief Editor

JAN 2019 - PRESENT

Oversee [blog](#) and newsletter content and manage contributors. Initiated Real People in Data interview series to inspire learning and share leaders' and community-builders' career journeys.

SKILLS

Programming & Software

Python (including Scikit-learn, Pandas, Numpy), R, PostgreSQL, noSQL

Version control

Git and Github

Data Visualisation & Design

Seaborn, Ggplot2, Inkscape (open source alternative to Adobe Illustrator), Tableau

Languages

Mandarin Chinese (mother tongue), German (A2)

EDUCATION

Metis Data Science Bootcamp

OCT 2019 - PRESENT, Singapore

University of Chicago, MA

International Relations
2012-2013, USA

University of York, BA (Honours)

Politics with International Relations
First Class with Distinction
2009-2012, UK

2019 Dataquest Diversity

Scholarship - Sponsorship for online data science learning

Maritime and Port Authority of Singapore Overseas Government

Scholarship 2009 - Full sponsorship for undergraduate & graduate studies

INTERESTS

Bouldering - Defying gravity on walls

Data viz - I'm a Data Visualisation

Society member & writer (See [Why We Find Joy and Value in Creating Data Viz](#) published on Nightingale)