

# Siti Aishah

front-end web developer  
dataviz engineer



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Singapore

## EXPERIENCE

### Front-end Web Developer

Kontinentalist

August 2019 – present (2 years 4 months)

End-to-end development of device-responsive data-driven stories  
Analysed spatial, qualitative and quantitative datasets for developing bespoke, hardcoded data visualisation  
Collaborated with editorial and design teams to meet project goals  
Developed modular code components to implement wireframes and art directions  
Onboarded freelance-developers with in-house code stack

### Digital Planning Intern

Urban Redevelopment Authority (URA)

February 2019 – July 2019 (4 months)

Cleaned datasets related to energy usage in commercial and residential buildings in Singapore  
Used R Shiny and Leaflet to build map-based dashboard/dataviz  
Used regression to predict energy usage by building use

### Energy Storage Research Engineer

National University of Singapore (NUS)

September 2016 – September 2018 (2 years)

Academic research on nano/micro materials for synthesising cathodes/anodes of sodium-ion batteries  
Material synthesis in wet-lab, coin-cell assembly in dry lab  
Data visualisation and analysis of coin cell cycling performance

## EDUCATION

### Master of Science in Urban Science, Policy and Planning

Singapore University of Technology and Design (SUTD)

GPA: 4.68 / 5.00

2018 - 2019

### Diploma in Digital Media Creation

Singapore Polytechnic

2017 - 2018

### Bachelor of Engineering (Engineering Science)

National University of Singapore (NUS)

GPA: 4.06 / 5.00

2012 - 2016

## STUFF I KNOW

Development to deployment of data-driven stories for the web: I code the wireframe of the story, understand the dataset, make scrollytelly/ dataviz/ maps, implement the designers' art direction. Iterate through user testing and debugging  $n$  times, and deploy on AWS.

## TOOLS I USE

### webdev & dataviz:

HTML | CCSS | JAVASCRIPT  
Vue/Nuxt JS (Vuetify, Vuex)  
React JS

D3 js, Flourish

**scrollytelly:** Scrollama js

**mapping:** Mapbox GL, Turf js, Deck js

**deployment:** Git, AWS' S3, EC2 Instance

**data:** R (tidyverse, ggplot2 etc.)

**others:** Figma, Affinity Designer

## COOL MISC THINGS

bouldering + boxing,  
infographics, aesthetically - designed dataviz.

**OH! I coded this, this, this** with Kontinentalist which won *Award of Excellence* for Story Page Design at SND's Best of Digital News Design Competition 2020.