

# ZAC TAM

NUS U.GRAD  
ELECTRICAL  
ENGINEERING

## CONTACT

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## PROFILE

A keen and fast learner, I am constantly looking for opportunities and exploring beyond my curriculum in the world of tech. Hope to gather hands-on experience in the various branches of Computer Science such as Data Science, Software Dev, Web Dev, Cybersecurity and the likes.

## INTERESTS

- Bouldering
- Tennis
- Photography
- Gaming

## SKILLS

- Python
- Power BI / Tableau
- React
- JS/JQUERY
- HTML/CSS/SASS
- WordPress
- Microsoft Office
- Git
- Windows/Unix

## EDUCATION

### BACHELOR OF TECHNOLOGY, ELECTRICAL ENGINEERING

NATIONAL UNIVERSITY OF SINGAPORE | 2019 - 2023

GPA (Y2S1): 4.59

### GCSE A'LEVEL

CATHOLIC JUNIOR COLLEGE | 2016 - 2017

## EXPERIENCE

### DATA SCIENTIST

TIVLON TECHNOLOGIES | MAY 2019 - AUG 2020

- Cleaned and restructured large amounts of Excel data
- Automated the data wrangling using Python data management libraries such as Pandas and Jupyter
- Visualized and organised the clean data using cutting-edge BI tools such as Power BI and Tableau
- Hand-coded everything from scratch and pushed the product live for consumer usage on company website

### PERSONAL PROJECTS

A FEW OF MY LARGER PET PROJECTS

- Movies searching web app using React front-end and API from themoviedb
- Portfolio website using a mix of Javascript and JQuery and vanilla HTML/CSS
- Automatic image-generation posted on Instagram using Python libraries such as BS4, Selenium, Pillow, etc.

## HACKATHONS

### DATA SCIENCE

SHOPPEE I'M THE BEST CODER | 2019 & 2020

- Participated in their annual data science competitions

### CYBERSECURITY

DSTA CYBER DEFENDERS DISCOVERY CAMP | JUL 2020

- Participated in their virtual camp on cryptography and cybersecurity in a group of 4
- Studied materials provided by DSTA on various topics including Linux/UNIX, Ethical Hacking, Networking, Penetration Testing and more
- Managed to complete 1.5 levels out of 5 levels in total

CSIT THE INFOSECURITY CHALLENGE | AUG 2020

- Participated in the two-day competition on cybersecurity
- As a solo participant, tried but was unsuccessful in getting past the first level