

# INDRIK WIJAYA



## EDUCATION

2018  
|  
2014

- **B.Sc., Applied Mathematics with Minor in Economics (Distinction)**  
National University of Singapore
  - NUS ASEAN Undergraduate Scholarship Recipient
  - Coursework: Matrix Computation, Linear Models, Data Modeling
  - Thesis: [Machine Learning For Genomics](#)



## PROFESSIONAL EXPERIENCE

current  
|  
Apr 2021

- **Bioinformatician**  
Healthy Longevity Translational Research Programme (NUS)
  - Mine and integrate published multimodal data of in-silico and clinical studies to characterise brain aging.
  - Computational drug discovery and repurposing to improve on mitochondrial health as a potential therapeutic target for aging.

Mar 2021  
|  
Aug 2017

- **Bioinformatician**  
Institute of Molecular and Cellular Biology (A\*STAR)
  - In charge of end-to-end analysis on genomics data – data management, integration, cleaning, visualization and statistical analysis.
  - Established a computational pipeline for short time-series biological data through analysing different clustering algorithms.
  - Provided bioinformatics consultation and mentorship for other lab members.

Aug 2017  
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May 2017

- **Data Science Analyst Intern**  
DataSpark (SingTel)
  - Performed exploratory data analysis on telco data, extracted useful features and meaningful insights for the development of DataSpark products.
  - Developed a prototype predictive model to analyse the travel pattern of tourists in Singapore using data mining algorithms such as Apriori and FP-tree.

Aug 2016  
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May 2016

- **Quantitative Analyst Intern**  
Pinnacle Investment
  - Conducted thorough review of technical publications to provide suitable statistical investment methods for new product development.
  - Applied [regression analysis](#) to improve the firm's forecast strategy.

## INDEPENDENT ACTIVITIES

[Data Science Projects](#)

[Google Cloud's Data Science Courses](#)

[DataCamp's Data Science Courses](#)

## LANGUAGE SKILLS



R: Tidyverse, Tidymodels

Python: Pandas, Numpy, Scikit-learn, TensorFlow

## CO-CURRICULAR ACTIVITIES

Chairman of Student Committee  
(NUS CAPT, 2014-2015)

Cultural Day Exco  
(NUS OCIP, 2015)

## CONTACT

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Made with the R package  
[pagedown](#).

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