

# Reuben Bernard Francis

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## Summary

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Current graduate student pursuing Masters in Data Science at Macquarie University, Sydney actively seeking internship or job opportunities. Avid for valuable industrial experience; I'm motivated to utilize and apply my knowledge and skills to contribute and fulfill any organisational or departmental objectives.

## Projects

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### Data-Driven Music Activity Analysis

EXPLORING LAST.FM AND RATEYOURMUSIC PROFILES FOR BEHAVIOURAL INSIGHTS

- Last.FM API for data extraction, intensive cleaning and advanced use of python's pandas for data exploration
- Extensive use of matplotlib and scikit-learn package for visuals and model creation
- Jupyter Notebook for personalised reporting and insight detailing

### Simple Scenery Image Classification and Neural Style Transfer

REPRODUCIBILITY PROJECT

- Understanding Tensorflow's keras, PIL, scikit-learn and other smaller packages
- Transfer learning VGG19 model, loss functions and gradients
- Answer to the reproducibility crisis despite using Jupyter notebooks

### Simple VGG16 Classifier

USING VARIOUS INBUILT MODULES FOR A SIMPLE APPLICATION DEPLOYMENT

- Exploring Keras' inbuilt modules and trained models
- Using Streamlit for quick app creation and Heroku for deployment

## Work Experience

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### Ishka (Part-Time)

RETAIL SALES ASSISTANT

- Courteous customer service in-person and on-phone
- Duties on POS system and inventory management using NetSuite
- Efficient visual merching, restocking, space and placement management
- Click n' Ship/Click n' Collect: collecting, packing and processing orders

NSW, Australia

Oct. 2019 - Apr. 2020

### Cotton-On (Casual)

RETAIL SALES ASSISTANT

- Customer service in-person and POS duties
- Fastidious workflow and decision-making

NSW, Australia

Oct. 2019 - Jan. 2020

### My Cube (Part-Time)

RETAIL SALES ASSISTANT

- Gaining leads and direct client communications
- Responsible opening and closing of store
- Reporting sales targets, initial settlements and inventory updates

NSW, Australia

Apr. 2019 - Sep. 2019

## Education

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### Macquarie University

MASTERS IN DATA SCIENCE

- Weighted Average: 75.3%
- Distinction in Modern Computational Statistical Methods, Mining Unstructured Data, Applications of Data Science and Machine Learning

NSW, Australia

Feb. 2019 - Dec. 2020

### Institute of Aeronautical Engineering

B.TECH. IN COMPUTER SCIENCE AND ENGINEERING

- Weighted Average: 69%

Telangana, India

Sep. 2014 - Jun. 2018