

# Dean Marchiori

## Applied Statistician | Data Scientist

An applied statistician and data scientist with passion for solving complex problems with data.



deanmarchiori@gmail.com ✉

+61400 45 95 40 📞

deanmarchiori.github.io 🌐

linkedin.com/in/deanmarchiori **in**

## WORK EXPERIENCE

### Data Science Team Leader Internetrrix

03/2018 – Present

Wollongong, NSW

### Senior Statistician

#### IRT Group

11/2016 – 03/2018

Achievements/Tasks

- Unsupervised ML / Clustering / Segmentation
- Queuing Simulation & Wait-Time Optimisation
- Experimental Design & AB Testing
- R / SQL / MS-SSIS / Qlikview / Shiny / Leaflet / Git / Github

### Senior Data Analyst

#### ANZ Banking Group

05/2014 – 09/2016

Tasks

- Conducted statistical analysis and consulting
- Built marketing campaign analysis apps (Shiny)
- Programming in R, SAS, SQL

### Business Intelligence Analyst

#### E\*TRADE Australia

10/2012 – 05/2014

Tasks

- Designed call centre and queuing optimisation methods
- Completed time series analysis
- Implemented major telecommunications technology project

### Equities Trader

#### E\*TRADE Australia

06/2011 – 10/2012

Tasks

- Trading domestic and international equities, warrants, managed funds.
- Account management and customer service.

## EDUCATION

### Bachelor of Science (Mathematics)

#### Charles Sturt University

2013 – 2017

GPA: 6.87 out of 7

Courses

- Mathematics Major
- Statistics Minor
- Awarded University Medal

### Master of Applied Finance (Financial Markets)

#### FINSIA / Kaplan

01/2010 – 12/2013

Courses

- Financial Markets & Trading
- Quantitative Finance

## SKILLS & COMPETENCES

Statistical Data Analysis

R Programming

SQL

Marketing Campaign Execution & Analysis

Predictive Analytics

Geo-Spatial Analysis (GIS)

Presenting & Communication

SAS (Base / EG)

## PROJECTS

### Mathematics Consultant - CSIRO Mathematicians in Schools

- Implemented intro coding/robotics program (EDISON) & basic maths for primary schools students.

### Developer- Fishackathon 2016

- Developed GoFish R Package for data inter-operability in marine science

### Director of Finance- JCI Illawarra 2011

- Co-Launched JCI MentorMe mentoring program

## ACHIEVEMENTS

### Undergraduate University Medal

Charles Sturt University 2017

### Executive Dean's List - Faculty of Science

Charles Sturt University 2015, 2016, 2017

### Young Australian of the Year (Shoalhaven Region)

Australia Day Council of NSW - 2005

### Order of Australia - Certificate of Commendation

Order of Australia Association - 2005

## LANGUAGES

R

Native or Bilingual

SQL

Expert

Python

Intermediate

Maple

Upper-intermediate

SAS (Base / EG)

Upper-intermediate