

Dean Marchiori

STATISTICIAN | SENIOR DATA SCIENTIST

BSc(Math), MAppFin, AStat

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Experience

Endeavour Energy

Sydney, Australia

LEAD DATA SCIENTIST - VEGETATION

Oct 2019 - Present

- Bush fire risk modelling on the electricity grid
- Vegetation management optimisation and risk modelling
- Developed time series models for weather anomaly detection across the network.

Internetrix

Wollongong, Australia

HEAD OF DATA SCIENCE

Mar 2018 - Oct 2019

- Led 2 x major research projects with the University of Wollongong SMART Infrastructure Facility
- Product development of real time anomaly detection software
- Advanced statistical modelling and consulting

IRT Group

Wollongong, Australia

SENIOR STATISTICIAN

Nov 2016 - Mar 2018

- Unsupervised ML / Clustering / Segmentation
- Queuing Simulation & Wait-Time Optimisation
- Experimental Design & AB Testing

ANZ Banking Group

Sydney, Australia

SENIOR DATA ANALYST

May 2014 - Oct 2016

- Advanced statistical modelling
- Built marketing campaign analysis apps (Shiny)
- Programming in R, SAS, SQL

E*TRADE Australia (ANZ Banking Group)

Sydney, Australia

BUSINESS INTELLIGENCE ANALYST

Oct 2012 - May 2014

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

E*TRADE Australia (ANZ Banking Group)

Sydney, Australia

EQUITIES TRADER

Jun 2011 - Oct 2012

- Trading domestic and international equities, warrants, managed funds

Organisations

Statistical Society of Australia

Australia

ACCREDITED STATISTICIAN

2020

- Holds the 'Accredited Statistician' professional accreditation

CSIRO Mathematicians in Schools

Wollongong, Australia

MATHEMATICS CONSULTANT

2015

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

JCI Illawarra

Wollongong, Australia

DIRECTOR OF FINANCE

2011

- Co-Launched JCI MentorMe mentoring program

St John Ambulance Australia (NSW)

NSW

FIRST RESPONDER

2006

- Over 500hrs as front line first responder to medical emergencies
- Received Order of Australia Commendation and Young Australian of the Year Award (Shoalhaven)

Education

Charles Sturt University

BACHELOR OF SCIENCE (MATHEMATICS)

- Undergraduate University Medal Recipient
- GPA of 6.87 out of 7
- Mathematics Major
- Statistics Minor

Bathurst, Australia

2013 - 2017

Kaplan Professional

MASTER OF APPLIED FINANCE

- Major in Financial Markets and Trading
- Graduated with Distinction

Sydney, Australia

2010 - 2013

Awards & Achievements

AWARDS

- | | |
|------|--|
| 2019 | Placed #8 in Top 25 Analytics Leaders in Australia |
| 2017 | Undergraduate University Medal |
| 2017 | Faculty of Science - Executive Dean's List Award |
| 2016 | Faculty of Science - Executive Dean's List Award |
| 2015 | Faculty of Science - Executive Dean's List Award |
| 2005 | Order of Australia Certificate of Commendation |
| 2005 | Young Australian of the Year (Shoalhaven) |

IAPA

CSU

CSU

CSU

CSU

Order of Australia

Aust. Day Council