



# Udani Wijewardhana

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## PROFILE

*I am an experienced Statistician with over two years of experience in analysing and interpreting complex data. I have worked with various research experts; am very knowledgeable in using statistical tools and methodologies; adept in conducting sampling and validation; knowledgeable in Biostatistics; have broad understanding of statistical concepts, methods and models and very expert in using computer applications. With this said, I am very confident that I will be a significant contribution to the company in meeting its objective.*

## WORK EXPERIENCE

### Trainee Data Analyst

Neotenicity (Quantrax Inc.), Sri Lanka

Duration - 3 months (2014)

### Data Analyst - New efficient and productive incentive scheme

Central Warehouse of D. Samson & Sons Company, Navinna, Sri Lanka

Duration - 6 months (2015)

### Temporary Mathematics Teacher of Grade 6, 7, 8

De Mazenod College, Sri Lanka

Duration - 1 year (2009)

### Research Assistant

Swinburne University of Technology, Australia

Duration - 4 months (2022 April – 2022 July)

### Sessional staff member

Swinburne University of Technology, Australia

Duration - 3 years (2020 – Present)

### PhD in Statistics (2019-2022)

Department of Health Sciences and Biostatistics

Faculty of Health, Arts and Design

Swinburne University of Technology, Australia

**Research:** Statistical modelling for the resident shorebirds in Australia using citizen science data

### BSc. (Hons) with First Class in Computational Mathematics and Statistics GPA:

3.62/4.00 (90.5%)

Effective Date: 1st of March, 2015

Faculty of Science

University of Colombo, Sri Lanka

### Research:

- Mathematical model for predicting Debt Repayment - Final year Research

- Optimal Distribution schedule for a clothing manufacturing company in Sri Lanka (International Forum for Mathematical Modelling (IFM2) 2014)

**Successfully completed Graduated Certificate of Research and Innovation Management.**

## EDUCATION

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## SKILLS AND QUALITIES

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### VALUES

- Teamwork
- Professionalism
- Integrity
- Initiative

### STRENGTHS

- Keen analytical mind
- Broad Accounting acumen
- Good communication skills
- Likeable nature

### INTERESTS

- Table Tennis
  - Music
  - Poetry
  - Movies
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### KEY SKILLS

- Hands-on experience in managing statistical software (R and Minitab)
  - Remarkable knowledge of various computer based statistical applications (R Shiny)
  - Immense knowledge of biostatistics (spatial and temporal analysis)
  - Ability to design inferential models for analysis
  - Ability to perform academic research
  - Familiarity of analysing complex statistics
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## MEMBERSHIPS

- Student member of statistical society Australia Inc. from 2019
  - Member of Mathematical Olympiad Program, Sri Lanka (2013)
  - Member of Epsilon Delta Mathematics Society, Art Circle & Photographic Circle in University of Colombo - Faculty of Science, Sri Lanka (2010-2014)
  - Member of Table-Tennis teams of Sangamitta College), Sri Lanka (1997-2000), De Mazenod College, Sri Lanka (2005-2007) & University of Colombo - Faculty of Science (2011-2013), Sri Lanka
  - Member of Mass Media Unit, Eastern music group & dancing group of De Mazenod College, Sri Lanka (2001-2007)
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## PUBLICATIONS

Wijewardhana, U. A., Bandara, C., & Nanayakkara, T. (2018). A mathematical model for predicting debt repayment: A technical note. *Australasian Accounting, Business and Finance Journal*, 12(3), 127-135. <https://doi.org/10.14453/aabfj.v12i3.8>.

Wijewardhana, U. A., Meyer, D., & Jayawardana, M. (2020). Statistical models for the persistence of threatened birds using citizen science data: A systematic review. *Global Ecology and Conservation*, 21, e00821. <https://doi.org/10.1016/j.gecco.2019.e00821>.

Wijewardhana, U. A., Apputhurai, P. Jayawardana, M., & Meyer, D. (2022). Effectiveness of the conservation areas on the Mornington Peninsula for the common resident shorebird species using citizen science data. *Plos One*, 17(5), e0267203. <https://doi.org/10.1371/journal.pone.0267203>.

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## CONFERENCES AND AWARDS

- Effect of Climate for Hooded Plover on Mornington Peninsula, Young Statistician Conference 2019; Victorian Research Students' Meeting in Probability and Statistics 2019; Building Bridges - FHAD Student Research Conference 2019.
- Modelling the effectiveness of a fox eradication program for local shorebirds using citizen science data, Victorian Research Students' Meeting in Probability and Statistics 2020; Building Bridges - FHAD Student Research Conference 2020.
- Statistical modelling for the persistence of local shorebirds in Australia using citizen science data: Research overview, Virtual International Statistical Ecology Conference (vISEC2020); International Conference on Multidisciplinary Approaches in Science 2021 (ICMAS2021).
- Statistical modelling for the persistence of local shorebirds in Mornington Peninsula using citizen science data, Statistical Society of Australia Early Career & Student Statisticians Conference (ECSSC2021).
- Swinburne University Postgraduate Research Award.
- 3MT (3 Minutes Thesis) 2021 Swinburne University of Technology Finalist.
- Attended for the Communicating with R Markdown workshop organized by Young Statistician Conference 2019.
- Attended for Student Training Workshop 2019 organized by Swinburne University of Technology.

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*LEADERSHIPS,  
EXTRA-CURRICULAR  
ACTIVITIES &  
ACHIEVEMENTS*

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- Successfully completed Dharmacharya Buddhist Teaching Examination in 2009.
- Head Prefect of Siri Wimalasiri Dhamma School, Sri Lanka in 2005.
- President of Buddhist Society of De Mazenod College, Sri Lanka in 2005.
- Leader of Eastern Music Group of De Mazenod College, Sri Lanka in 2004 to 2005.
- Junior & Senior Prefect of De Mazenod College, Sri Lanka.
- Sangeet Visharad Degree offered from 'Bathkande Sangeet Vidyapith', Lucknow, India conducted by 'Gaandhaari Kala Nikethana', Nugegoda, Sri Lanka – Passed with 1st Division (Rank 1 in Sri Lanka - 2012).
- Best Musician 2007 - De Mazenod College, Sri Lanka.
- Colourswoman of Music 2006 & Colourswoman of Dancing 2004 - De Mazenod College.
- Best Outstanding Student 2005 - Siri Wimalasiri Dhamma School, Sri Lanka.
- Colourswoman of Table-Tennis 2006 - Gampaha District, Sri Lanka.
- All Island Table-Tennis Championships - Under 14 in 1999 and Under 18 in 2003.
- Champion of singing in the 'Vesta - 2011' talent competition organized by the Science Faculty, University of Colombo, Sri Lanka.

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**Professor Denny Meyer**

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