**UDANI A. WIJEWARDHANA**

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# Education

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| **Swinburne University of Technology – Faculty of Health, Arts and Design** | Australia |
| PhD candidate of Statistics -  My research focus is the development of Persistence models for bird species considering spatial and temporal scales using citizen science data. | 2019-present |
| **University of Colombo – Faculty of Science** | Sri Lanka |
| BSc. (Hons) with First Class in Computational Mathematics and Statistics - GPA: 3.62/4.00 (**90.5%**) | 1st of March, 2015 |
| 1. Mathematical model for predicting Debt Repayment | Final year Research project  Duration – 1 year |
| 2. Optimal Distribution schedule for a clothing manufacturing company in Sri Lanka | International Forum for Mathematical Modelling  (IFM2 - 2014)  Duration – 1 week |

Employment History

* Trainee Data Analyst at Neotenicity (Quantrax Inc.), Sri Lanka for 3 months in 2014.
* Data Analyst at DSS Warehouse, Navinna, Sri Lanka for 6 months in 2015.

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| New efficient and productive incentive scheme | Central Warehouse of D. Samson & Sons Company at Navinna, Sri Lanka  Duration – 6 months |

* Temporary Mathematics Teacher of Grade 6, 7, 8 for a year at De Mazenod College, Sri Lanka in 2009.
* Sessional staff member of Swinburne University (April 2020 - present)

# Publications

Wijewardhana, Udani A., Bandara, Chinthaka and Nanayakkara, Thesath, A Mathematical Model for Predicting Debt Repayment: A Technical Note, Australasian Accounting, Business and Finance Journal, 12(3), 2018, 107-115. [doi:10.14453/aabfj.v12i3.8](http://dx.doi.org/10.14453/aabfj.v12i3.8)

Udani A. Wijewardhana, Meyer, Denny and Jayawardana, Madawa, Statistical models for the persistence of threatened birds using citizen science data: A systematic review, Global Ecology and Conservation, Volume 21, 2020, e00821, ISSN 2351-9894. [doi:10.1016/j.gecco.2019.e00821](https://doi.org/10.1016/j.gecco.2019.e00821)

# Skills

* Statistical data analysis and data mining using R.
  + Ecological statistics
  + Spatial and temporal models
  + Persistence models
  + Applied statistics
* Ability to work independently and in team environment.
* Good command in verbal and written communication skills in both English and Sinhala.

# Conferences and workshops

* Successfully completed Graduated Certificate of Research and Innovation Management.
* Presented at Young Statistician Conference 2019 and participated for the Communicating with R Markdown workshop.
* Presented at Victorian Research Students' Meeting in Probability and Statistics 2019.
* Presented at Building Bridges - FHAD 2019 Student Research Conference.
* Attended for Student Training Two Days Workshop 2019 organized by Swinburne University

(qualitative approaches).

* Presented PhD research overview at Virtual International Statistical Ecology Conference (vISEC2020).

# 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, Sri Lanka (2011-2013).

* Member of Mass Media Unit, Eastern music group & dancing group of De Mazenod College, Sri Lanka (2001-2007).

# Leaderships, Extra-Curricular Activities & Achievements

* 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.