

Sanduni Shamila Leelaratne

September 1, 2017

PERSONAL DETAILS

Birth January 16, 1989
Address 607B Foch Street, Bryan, TX 77801
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EDUCATION

Master of Science in Mathematics 2014-2016
Sam Houston State University, United States
GPA: 3.77/4.00

Bachelor of Science in Mathematical Finance 2008-2012
University of Colombo, Sri Lanka
GPA: 3.26/4.00
Major: Mathematical Finance
Minor: Pure Mathematics, Applied Mathematics, Computer Science, Statistics.

Examination for Chartered Financial Analysts (CFA), USA 2012
Completed Level 1

WORK EXPERIENCE

Adjunct Faculty 2016-present
Department of Mathematics, Sam Houston State University

- Taught - MATH 1332 - Fall 2016, Spring 2017
- Taught - MATH 1324 - Spring 2017
- Supplementary Instructor - MATH 1332 (College Mathematics) - Spring 2015, Fall 2014
- Grading - MATH 1420 (Calculus I) - MATH 1430 (Calculus II)
- Tutoring

Graduate Teaching Assistant 2014-2016
Department of Mathematics, Sam Houston State University

- Taught - MATH 1324 (Mathematics for managerial decision making) - Fall 2015, Spring 2016
- Supplementary Instructor - MATH 1332 (College Mathematics) - Spring 2015, Fall 2014
- Grading - MATH 1420 (Calculus I) - MATH 1430 (Calculus II)
- Tutoring

Temporary Instructor**2013-2014***Department of Mathematics, University of Colombo, Sri Lanka*

- Recitation - FM 2004 (Mathematical Methods for Finance - Numerical Analysis and Insurance Mathematics)
- Conducted MATLAB Lab Sessions

Management Information System (MIS) Analyst**2012-2013***Nation Lanka Finance PLC, Colombo, Sri Lanka*

- Provide key insight on product performance and commercial business performance to help better product management.
- Assist in preparation of annual strategic plan.
- MIS and Reporting

RESEARCH INTERESTS & EXPERIENCE

Research Interests

- Functional Analysis
- Applied Mathematics
- Applied Analysis
- Financial Mathematics

Graduate Research**2015***Sam Houston State University*

- Non-Commutative Convexity (Under the supervision of Dr. Damon Hay)
Studying about matrix convex sets over Reals, their affine spaces and complete isometric isomorphism between matrix affine spaces and operator systems of real bounded linear operators of Hilbert Spaces.

Graduate Level Independent Study**2015***Sam Houston State University*

- Studying the frequency range of the two lowest resonances (air & wood) in a guitar (Under the supervision of Dr. John Alford)

Undergraduate Research**2012***University of Colombo, Sri Lanka*

- Construct an index to determine the lease amount to be lent to a customer while identifying the underlying factors that could affect.
- Methodology : Fuzzy Logic
- Software : MATLAB

AWARDS AND HONORS

College of Sciences Special Graduate Scholarship <i>Sam Houston State University - Two times</i>	2015-2016
Graduate School Scholarship <i>Sam Houston State University -Three times</i>	2015-2016
Runners up, all Island Inter School Chess Championship <i>Sri Lanka</i>	2003
Best on Board 3, All Island Inter School Chess Championship <i>Sri Lanka</i>	2003
Colors certificate for chess <i>Zonal educational office</i>	2003

VOLUNTEER ACTIVITIES

Teaching Assistant- Physics <i>State High School, Sri Lanka</i>	2007
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Conferences Attended

- Southwest local algebra meeting (SLAM) 2016, Texas State University, San Marcos, TX, 02/27/2016 - 02/28/2016
- Winter Graduate school, Texas A&M University, College Station, TX, 01/10/2016 - 01/15/2016
- Classification of C*-algebras, Flow equivalence of shift spaces, and graph & leavitt path algebras, University of Louisiana, Lafayette, LU, 05/11/2015 - 05/15/2015
- Southwest local algebra meeting (SLAM) 2015, Oklahoma State University, Stillwater, OK, 02/28/2015 - 03/01/2015

REFERENCES

Prof. Melinda Holt (Professor of Statistics & Department Chair) Sam Houston State University	mholt@shsu.edu
Dr. Damon Hay (Associate Professor) Sam Houston State University	dhay@shsu.edu