

EDUCATION

Department of Real Estate, National University Of Singapore (NUS), Kent Ridge Campus, Singapore.

PhD Candidate [2010-2014]

Currently Pursuing my doctoral thesis titled “*An Agent Based approach to Design the Knowledge Based Urban Development: The case of ‘One north’ in Singapore*”

[Outstanding CAP : 4.3]

Sathyabama University, Jeppiaar Nagar, Chennai, India.

Bachelor of Technology [B.Tech] Specialization: Bio-Informatics [2005-2008]

Thesis: “The Development of METDAT (Metabolomics Data Analysis Tool)”

[Aggregate score :74%]

Anna Gem Science Park Higher secondary School, Anna University Campus, Chennai, India.

Major: Biology [2003-2005]

[Aggregate score :77%]

AWARDS

Recipient Of doctoral scholarship by National University Of Singapore 2010-2015

Received Scholarship of excellence as an intern at Singapore Delft Water Alliance Company 2008 (Nov.) - 2009 (Mar)

TECHNICAL EXPERIENCE

Have good experience in performing *Advance Econometric analysis* using software’s such as Eviews, SPSS & SAS.

Sufficient experience in performing *financial risk management and analysis* using @risk and vose’s model risk software’s.

Have good knowledge in handling Geographic Information Systems. Can perform data acquisition, modeling and analysis using ArcGIS platforms.

Proficient in building system dynamic and agent based models using “*ithink*”/“*venism*”/“*Anylogic professional*” for performing complexity modeling and analysis.

Proficient with software applications like *Ms office, Gnuplot, Adobe Photoshop, Macromedia Flash*. Have worked on windows and Linux platforms. Good knowledge of data structures and computer algorithms.

RELATED EXPERIENCE

- Institute of Real Estate Studies (IRES-NUS) , Singapore**
 [Research Assistant] 2012
 Performed GIS data collection and analysis. Regression analysis and manuscript editing for a research project studying the effect of school proximity of property values.
- Centre For Sustainability Asian Cities (CASC), Singapore.**
 [Research Assistant] 2012
 Involved during final stages of the Green Plot Ratio Project (Gnpr) where i was in charge of developing building designs for quantitatively calculated green plot ratio's and editing final research reports.
- Department of Real Estate, NUS.**
 [Research Assistant] 2011
 Assisted in a Real estate auction research study to develop a computer program using Matlab to validate results that were obtained through formal econometric analysis.
- Tropical Marine Science Institute (TMSI), NUS.**
 [Research Assistant] 2010
 In charge of collecting and managing global climate data for analysis by senior scientists
- Singapore Delft Water Alliance Company (SDWA)**
 [Research Intern] 2008
 Assisted in programming work of subroutines for a powerful Stand Alone Visualization Tool for Data Processing and Data Analysis called 'MetDat' research project jointly conducted with the Department of Biological sciences, National University of Singapore.

PUBLICATIONS AND PAPERS

- "A new approach to design the Knowledge Based Urban Development (KBUD) using Agent Based Modeling."**
Authors: Rengarajan, Satyanarain ; Ho, Kim Hin / David [Forthcoming]
- "Industrial Real Estate Market Dynamics in Singapore: A VAR Approach."**
Authors: Ho, Kim Hin / David ; Rengarajan, Satyanarain [Forthcoming]
 [Paper presented at the AsRES-AREUEA Joint International Conference 2012]
- "Strategic industrial real estate in the new economy: the biopolis, the Singapore experience."**
Authors: Ho, Kim Hin / David Rengarajan, Satyanarain [Forthcoming]

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[\[http://www.rst.nus.edu.sg/programme/graduate/researchstudents.html\]](http://www.rst.nus.edu.sg/programme/graduate/researchstudents.html)

LANGUAGES

English- speak fluently and read/write with high proficiency

Tamil - speak fluently and read/write with medium proficiency

French- speak, read, and write with basic competence

MEMBERSHIPS

Real Estate graduate Research club ,NUS (President)

REFERENCES

References available upon request