

# YAMINI BHASKAR

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## Educational qualification

(Phd.) Neuroscience	Nanyang Technological University, Singapore	Jan 2014- Nov 2014
MSc Biomedical Engineering	Nanyang Technological University, Singapore	Aug 2010- July 2012
BE Biomedical Engineering	Anna University, India	Aug 2006 - May 2010

## Work experience

### Research School of Biological Sciences, Nanyang Technological University, Singapore Nov 2012- Nov 2014

- Studying neurobiological aspects of resilience using a wide range of behavioral tests
- Functional studies on brain using electrophysiological techniques
- Proteomics, mainly western blot to assess protein composition
- Key contributor to set up the laboratory
- Designed and executed projects to investigate the effects of stress in rats
- Responsible for logistics and maintaining laboratory inventory

### Research Intern Genome Institute of Singapore. A\*STAR, Singapore Aug – Oct 2012

- Worked on bioinformatics related to cancer genetics.
- Data base mining for cancers and drugs that could be used to treat them
- Created a genome data base for few types of cancers

### Junior Trainer/Presenter Wildlife Reserves Singapore, Singapore July 2010 – Current

- Presented animal shows and token feeding sessions at the Singapore zoo and Night Safari
- Husbandry and general care taking of the animals
- Helped write scripts for token feeding trails around the zoo
- Assisted with training of animals to perform on shows

## Technical papers /Projects

- First place in paper presentation organized by Anna university
- Second place in the paper presentation at the inter-collegiate symposium
- Designed a system to use brain signals to control motor functions.
- Created a motion capture system for upper limb movement analysis for stroke patients.

## Volunteer experiences

- Elephant Nature Park, Chiang Mai, Thailand. – Sept 2013: 2 weeks
- Agumbe Rainforest Research Station – Nov 2014 : 2 weeks
- Madras Crocodile Bank Trust – April 2015 : 2 months

## **Extracurricular activities**

- Assistant Producer for a local TV series in Singapore- Jan- April 2015
- Debate Secretary in Students Council in UG college
- Founding member of Third Vision, NGO which is successfully running in India
- First place in poster designing competition in National Students Convention
- Editor of college's online newspaper "The Midas Touch" at Jerusalem College of Engineering

## **Interests**

- Baking
- Tennis
- Part of a dance team that performs regularly at events
- Oil paintings
- Voluntary teaching at SINDA

## **Referees**

Dr. Anthony Lim  
Research Fellow  
School of Biological Sciences  
Singapore

Email Id: anthonylim@ethoneuro.com

Mr. Marshall Michael  
Manager  
Animal Presentations  
Singapore Zoo  
80, Mandai Lake Road  
Singapore

Email Id: marshall.michael@wrs.com.sg

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