

Vaisagh Viswanathan

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EDUCATION	PhD. Computer Science (CGPA: 4.42/5) expected July 2014 School of Computer Engineering, NTU, Singapore Title: Modelling Behavior in Agent Based Simulation of Emergency Egress Funded: Nanyang Research Scholarship
	BEng. Computer Engineering (CGPA: 4.39/5) Jul 2010 School of Computer Engineering, NTU, Singapore Minor: Economics
	Exchange: University of Waterloo, Ontario, Canada Aug-Dec '08 Funded: SIA-NOL Scholarship
COMPUTER SKILLS	<i>Programming Languages</i> : Proficient in Java, Python, MySql and Unix Shell Scripting. Basic knowledge of C, C++, javascript, HTML, CSS, Matlab, Scheme, VBA and Processing. <i>Operating Systems</i> : Unix, Mac OS X, Windows, Ubuntu. <i>Libraries and APIs</i> : MASON, Repast, JUNG, JFreeChart, Matplotlib, Django, Maven. Basics of CUDA.
EXPERIENCE	Co-founder - Ideatory Pte. Ltd. (www.ideatory.co) 2012 (Aug) - Present Co-founded and developed the web platform for a startup that helps companies find the right talent.
	Research Associate - NTU, Singapore. 2013 (Oct) - Present Developed agent based simulations of normal and emergency behavior at the Little India MRT Station and the Thaipusam festival for Industry Clients.
	Teaching Assistant - NTU, Singapore. 2011 (Aug) - Present Conducted and supervised lab sessions; co-supervised the final year project of an undergraduate student which eventually resulted in a paper at an international conference.
	Graduate Analyst - Barclays Capital Services Ltd. , Singapore. 2009 (Jan) - 2009 (Jun) Developed several mini projects and provided applications support to the FX Exotics Front Office and PCG.
HONORS	2008 (Mar) : NTU President's Research Scholar (top 5% of all undergrads). 2007 (Aug) : Silver Award at DISCOVER URECA@NTU Poster Competition. 2007 (Aug) : Dean's List (6 th of over 300 students). 2006 (Mar) : IIT JEE Rank 1891 (Top 0.5% of 400,000).
PROJECTS	Sublime Text CheckTypos Plugin, Motion Planning Testbed in Java.
INTERESTS	Football (Playing and Managing IG United an amateur football club), Reading