

Supun Nakandala

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EDUCATION

<i>June 2010 - April 2015</i>	BSc.Eng(Hon's) (COMPUTER SCIENCE & ENGINEERING) University of Moratuwa - Sri Lanka Cumulative GPA: 4.11/4.20 Ranked first in a batch of 100 students specializing Computer Science & Engineering.
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PUBLICATIONS

<i>November 2016</i>	Nakandala, S., Ahn, Y., Giovanni, C., Norman, S., Analyzing Gender Disparity of Game Streaming on Twitch. [Submitted to 26'th International World Wide Web Conference 2017]
<i>October 2016</i>	Nakandala, S., Pamidighantam, S., Marru, S. and Pierce, M., 2016, November. Better Data Discoverability in Science Gateways. 11'th Gateway Computing Environments Conference. [Extended Abstract] (pdf: https://goo.gl/YdZmZ6)
<i>July 2016</i>	Nakandala, S., Gunasinghe, H., Marru, S., Pierce, M., 2016, October. Apache Airavata Security Manager: Authentication and Authorization Implementations for a Multi-Tenant eScience Framework. In eScience, 2016. eScience'2016. IEEE 12'th International Conference on. IEEE. (pdf: https://goo.gl/51Ttm2)
<i>June 2016</i>	Nakandala, S., Pamidighantam, S., Yodage, S., Doshi, N., Abeysinghe, E., Kankanamalage, C.P., Marru, S. and Pierce, M., 2016, July. Anatomy of the SEAGrid Science Gateway. In Proceedings of the XSEDE16 Conference on Diversity, Big Data, and Science at Scale (p. 40). ACM. (pdf: https://goo.gl/oytirb)
<i>April 2015</i>	Nakandala, S., Withana, S.D., Kumarasiri, D., Jayawardena, H., Bandara, H.D., Perera, S., Marru, S. and Pamidighantam, S., 2015, April. Schema-independent scientific data cataloging framework. In Moratuwa Engineering Research Conference (MERCon), 2015 (pp. 289-294). IEEE. (pdf: https://goo.gl/tQlsVc)
<i>Dec 2014</i>	Nakandala, S., Withana, S., Kumarasiri, D. and Jayawardena, H., A Study on SSD Aware Scan Operation Optmization in PostgreSQL Database. Proceedings of The ITRU Symposium 2014 , (pp. 16 - 19), University of Moratuwa Sri Lanka. (pdf: https://goo.gl/PIzYuU)

TEACHING EXPERIENCE

<i>May 2015 - Aug 2015</i>	Teaching Assistant of Operating Systems Course (CS 2042), CSE-UoM. The goal of this course is to give fundamental knowledge in Operating Systems to computer science students. My tasks included providing instructions for the labs and grading assignments.
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WORK & INTERNSHIPS

<i>Oct 2015 - present</i>	Research Software Developer - Science Gateways Group, Indiana University Core developer in the Apache Airavata project which is a science gateway middleware framework that enables users to compose, manage, execute, and monitor large scale applications and workflows on distributed computing resources such as local clusters, supercomputers, computational grids, and computing clouds.
<i>May 2014 - Sep 2014</i>	Google Summer of Code Intern for Apache Airavata Airavata is an open source framework for developing science gateways. There was a huge need for Airavata based science gateways to have secure communication with the Airavata server. In this project I implemented security capabilities to Airavata thrift services and clients.
<i>May 2013 - Sep 2013</i>	Google Summer of Code Intern for phpMyAdmin Refactored the SQL executor and column structure manipulation code in phpMyAdmin, which is an open-source web based interface for the MySQL databases.

HONORS, AWARDS & SCHOLARSHIPS

<i>Aug 2015</i>	IBM Gold Medal for the Best Academic Performance in Computer Science & Engineering - University of Moratuwa.
<i>May 2014</i>	Scholarship to attend 4th South Asia Workshop 2014 on Research Frontiers in Computing - NUS School of Computing
<i>Aug 2010 - Apr 2015</i>	Mahapola Higher Education Merit Scholarship for Undergraduate Studies - Government of Sri Lanka.
<i>Nov 2009</i>	Award for the Most Outstanding Student - De Mazenod College.
<i>Mar 2009</i>	President's Scout (Eagle Scout Equivalent) - Sri Lanka Scout Association.

LEADERSHIP & EXTRA CURRICULAR ACTIVITIES

<i>2014</i>	Membership Co-Chair, ACM Student Chapter - University of Moratuwa.
<i>2011</i>	Editor, Sri Lanka University Catholic Students Movement.
<i>2008</i>	Head Prefect, De Mazenod College.