

Aniraj Kesavan

Curriculum Vitae

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Education

- 2015–2017 **Master of Science**, *University of Utah*, U.S.A, GPA – 3.6.
Computer Science
- 2008–2012 **Bachelor of Technology**, *Cochin Univ. Science and Technology*, India, 66%.
Computer Science and Engineering

Masters Thesis

- Title *Making Large Transfers Fast For In-Memory Databases In Modern Networks*
- Advisor Prof. Ryan Stutsman
- Description This thesis explored how we can leverage scatter gather DMA technology from modern NICs to accelerate performance of large transfers for In-Memory Databases.

Experience

- 2015–Present **Graduate Research Assistant**, UTAH SCALABLE COMPUTER SYSTEMS LAB, Salt Lake City, Utah, U.S.A.
- Advised by [Prof. Ryan Stutsman](#).
 - Research focusses on how modern networking hardware influence performance of large transfers of In-Memory Data.
 - Published Work:
 - To Copy or Not to Copy: Making In-Memory Databases Fast on Modern NICs*
A. Kesavan, R. Stutsman, R. Ricci - Proceedings of the Fourth International Workshop on In-Memory Data Management and Analytics (IMDM) 2016 at VLDB 2016, New Delhi, India.
 - Also worked for Flux Research Group under [Prof. Robert Ricci](#) developing profiles for the [Apt](#) Cluster in [Cloudlab](#).
- Summer 2016 **Site Reliability Engineering Intern**, LINKEDIN, Mountain View, California, U.S.A.
Interned with the Monitoring Infrastructure team. Developed an out of band monitoring solution and some state driven automation.
- 2014–2015 **R&D Engineer - Pipeline**, DREAMWORKS ANIMATION, Bengaluru, India.
- Developed and re-engineered production pipeline for the Animation Studio.
 - Work based on flow based programming and graph theory.
 - Credited as R&D Engineer for three Hollywood productions - [IMDB profile](#).
- 2012–2014 **Associate Software Engineer**, ZYNGA, Bengaluru, India.
- Developed and maintained [zBase](#), the flagship NoSQL database in use at Zynga at that time.

Positions of Responsibility

- 2015–2016 **Membership Chair, ACM Student Chapter**, UNIVERSITY OF UTAH.
- 2015 **Chairman & Founder, Quiz Club**, DREAMWORKS ANIMATION INDIA.
- 2011–2012 **Student Coordinator, Placement Cell**, MODEL ENGINEERING COLLEGE, INDIA.