

# Aniraj Kesavan

## Curriculum Vitae

3445 Merrill Engineering Building,  
50 Central Campus Dr  
Salt Lake City, Utah 84102  
☎ (801) 425 7410  
✉ [anirajkesavan@gmail.com](mailto:anirajkesavan@gmail.com)  
📁 [anirajk.github.io](https://anirajk.github.io)

### 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](#) Group under [Prof. Robert Ricci](#) developing profiles for [Cloudlab](#).
- Summer 2016 **Site Reliability Engineering Intern**, LINKEDIN,  
Mountain View, California, U.S.A.
- Interned with the Monitoring Infrastructure team. Developed autoremediation solutions.
  - 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.