Manasvini Sethuraman

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EDUCATION

Georgia Institute of Technology Atlanta, GA
Ph.D. in Computer Science 2019–Current

Georgia Institute of Technology Atlanta, GA
M.S. Computer Science, GPA: 3.78/4.00 2014–2016

Anna University Chennai, India
B.E. Computer Science and Engineering, GPA: 8.91/10 2010–2014

EXPERIENCE

Bloomberg LP New York, NY
Software Engineering Intern Summer 2020

- Designed a library to compare data from four Mutual Fund Holdings databases and publish results.

Bloomberg LP New York NY
Software Developer 2016–2019

- Migrated existing company filings in several local *Oracle* databases to a single cluster configuration in *PostgreSQL*.
- Built a system for privileging users to research content based on their entitlements.
- Built a pub/sub system to ensure cache coherence across machines when a user's entitlements are updated.

Yahoo! Inc. Sunnyvale, CA
Technical Intern Summer 2015

- Worked on load testing and performance measurement of Ads API's using *Gatling*.
- Constructed a pipeline to log and visualize the performance of Ads UI using *Splunk dashboards*.

PUBLICATIONS

[1] **M. Sethuraman**, A. Sarma, A. Dhekne, and U. Ramachandran, "Foresight: Planning for Spatial and Temporal Variations in Bandwidth for Streaming Services on Mobile Devices", in *12th ACM Multimedia Systems Conference (MMSys '21) (MMSys 21), September 28-October 1, 2021, Istanbul, Turkey*, Sep. 2021, ISBN: 978-1-4503-8434-6/21/09.

[2] **M. Sethuraman**, R. E. Grinter, and E. Zegura, "Approaches to Understanding Indigenous Content Production on Wikipedia", ser. COMPASS '20, Ecuador: Association for Computing Machinery, 2020, pp. 327–328, ISBN: 9781450371292.

Teaching

- **Teaching Assistant** at Georgia Tech   Spring, Fall 2020
  Advanced Operating Systems (CS6210)

- **Teaching Assistant** at Georgia Tech   Spring 2016
  Machine Learning (CS7641/CS4641)

- **Teaching Assistant** at Georgia Tech   Fall 2015
  Computability and Algorithms (CS6505)

Skills

- **Programming Languages:**   C++, Python, Java
- **Databases/NoSQL:**   PostGRES, Redis
- **Tools/Libraries**   GTest, Pandas, NS-3