

EDUCATION

| | |
|---|-----------------------------|
| Georgia Institute of Technology Ph.D. in Computer Science | Atlanta, GA 2019–Current |
| Georgia Institute of Technology M.S. Computer Science, GPA: 3.78/4.00 | Atlanta, GA 2014–2016 |
| Anna University B.E. Computer Science and Engineering, GPA: 8.91/10 | Chennai, India 2010–2014 |

EXPERIENCE

| | |
|---|------------------------------|
| Bloomberg LP Software Engineering Intern | New York, NY Summer 2020 |
| – Designed a library to compare data from four Mutual Fund Holdings databases and publish results. | |
| Bloomberg LP Software Developer | New York NY 2016–2019 |
| – Migrated existing company filings in several local <i>Oracle</i> databases to a single cluster configuration in <i>PostgreSQL</i> . | |
| – 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. Technical Intern | Sunnyvale, CA Summer 2015 |
| – Worked on load testing and performance measurement of Ads API's using <i>Gatling</i> . | |
| – Constructed a pipeline to log and visualize the performance of Ads UI using <i>Splunk dashboards</i> . | |

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) (to appear), 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