SOUMYA MAHALAKSHMI ANANTHAKRISHNAN

ANALYST, GOLDMAN SACHS

CONTACT

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SKILLS

- C,C++, Java, JavaScript, AngularJS, ReactJS, MySQL, OpenViBE, Gridgain, Python, D3.js, Tableau, Apache Ignite
- IoT, Artificial Intelligence, Natural Language Processing, Machine Learning, Human Computer Interaction, Brain Computer Interfaces, Storage Area Networks, Artificial Neural Networks, Fast data, Data Fabric
- Algorithms, Operating Systems,Embedded Systems, Compiler Design

SCHOLARSHIPS

- Recipient of **NTSE State level scholarship**, awarded by National Council of Educational Research and Training (NCERT) for outstanding academic performance.
- Recipient of International level **WeTech-Qualcomm Global Scholarship**, awarded by International Institute of Education, WeTech and Qualcomm for girls with outstanding leadership skills and contribution towards Women in Technology.
- Recipient of the **Infineon Scholarship** 2016, for best academic performance.
- Recipient and attendee of **Grace Hopper Celebration India** - 2016, as Student Scholar through WeTech.
- Recipient of the **'Lead Like a Girl Fellowship 2018'**, awarded by Shenomics, to honour and support outstanding women leaders.

EXPERIENCE

SUMMER ANALYST
GOLDMAN SACHS, BENGALURU | JUN 2016 - JUL 2016

- Interned in the Technology Division at Goldman Sachs, and worked on in-memory data fabric for fast data applications in finance. All of this was done under the broad area of big-data analytics.

SUMMER ANALYST
GOLDMAN SACHS, BENGALURU | JAN 2017 - APR 2017

- Developed a comprehensive, real- time dashboard to monitor and determine the health of clusters, in an in-memory data fabric.

TECHNOLOGY ANALYST
GOLDMAN SACHS, BENGALURU | JUN 2017 - PRESENT

- Worked on various initiatives concerning financial reporting and uplift of legacy systems, using core Java.
- Actively involved in the development of a data centralization infrastructure using Hadoop, Hive, Spark and Java.

EDUCATION

KENDRIYA VIDYALAYA, IISC
GRADE 1-10 | APR 2001 - MAR 2011
QUALIFYING EXAM - AISSE 2011 | CGPA - 10.0
Recipient of **Best student Award** (Radhashyam Mukherjee award) for academic excellence and all round development, from grade 1-10

NATIONAL PUBLIC SCHOOL, RAJAJINAGAR
GRADE 11-12 | JUN 2011 - MAR 2013
QUALIFYING EXAM - AISSCE 2013 | MARKS - 96.6%
Recipient of the **All-India CBSE Merit Certificate**. This was awarded to the top 0.1% students at the National level, for Computer Science.

R. V. COLLEGE OF ENGINEERING, BANGALORE
BACHELORS IN COMPUTER SCIENCE & ENGINEERING
AUG 2013 - MAY 2017 | CGPA - 9.83
University **Gold Medalist in Computer Science** for best academic performance.
Awarded the **'Best Outgoing Student Award'** for outstanding all-round performance, in academics and extra-curricular activities.

VOLUNTEERING

Community Team Works, Goldman Sachs -
1. Painted the walls of a school in a slum area.
2. Organized games and activities at Swakshatra shelter for children.
3. Taught MS Ofiice skills to underprivileged girls at an NGO.
4. Panelist for providing brand building advice at Katalyst.

PAPER PUBLICATIONS

- **Soumya Mahalakshmi A**, Dr. Shantha Rangaswamy, Karthik S P, Madhuri N Kirani, Himanshu Tanwar, "A Technique for Parameter Identification, classification and structuring of Marine Genomics and Oceanographic mutations", International Journal of Oceans and Oceanography, ISSN 0973-2667 Volume 11, Number 2 (2017), pp. 147-158
- **Soumya Mahalakshmi A**, Sharvani G S, Karthik S P, "SIoT Framework To Build Smart Garage Sensors Based Recommendation Systems", International Conference on Advanced Computing, Networking and Informatics 2017, Recent Findings in Intelligent Computing Techniques, Volume 708, Springer : DOI : 10.1007/978-981-10-8636-6_29
- **Soumya Mahalakshmi A**, Minal Moharir, "Ashtadhyayi - An Experimental Approach to Enhance Programming Languages and Compiler Design using Panini's grammar", International Conference on Advanced Computing, Networking and Informatics 2017, Recent Findings in Intelligent Computing Techniques, Volume 709, Springer : DOI : 10.1007/978-981-10-8633-5_1
- **Soumya Mahalakshmi A**, Amulya B S, Minal Moharir, "A Study of Tools to Develop a Traffic Generator for L4 - L7 Layers", IEEE International Conference on Wireless Communications Signal Processing and Networking, Chennai, March 2016, IEEE Xplore : DOI : 10.1109/WiSPNET.2016.7566102
- Anupama H S, **Soumya Mahalakshmi A**, Sudarshini Tyagi, "A Technical Approach to Map Color Pixels using EEG based Model", IEEE International Conference CSITSS, Bengaluru, October 2016, IEEE Xplore : DOI : 10.1109/CSITSS.2016.7779442
- **Soumya Mahalakshmi A**, Sudarshini Tyagi, "Mapping of Intellect Vision to Picture Pixels Using EEG Based Model", International Journal of Advanced Research in Computer Science and Software Engineering, Volume 5, Issue 9, September 2015, ISSN: 2277128X, Pages 502-504
- **Soumya Mahalakshmi A**, "Implementing Security in Storage Area Networks- A Review", International Journal of Advanced Research in Computer Science and Software Engineering, Volume 5, Issue 9, September 2015, ISSN: 2277 128X, Pages 518-523
- **Soumya Mahalakshmi A**, Ramesh S, Minal Moharir, Shanmukha Nagaraj, "3D printing in environmental conservation", SPC ERA International Journal of Science, Technology and Engineering, Vol 1, No 1, Jan-Mar 2014

AWARDS

- II Place in the prestigious **International Student/Teacher Essay Contest** 2016, on Nationalism, conducted by Carnegie Council for Ethics in International Affairs worldwide.
- Awarded Viewers' Choice Award for Best Article in National Level **Young Writer's Competition** conducted by Thirstt.com.
- II place in National Level **Read India Contest** at Hyderabad, based on essay writing, elocution, and a test of leadership skills.
- II place in Exhibit Display at **National Social Science Exhibition cum National Integration Camp**-2010, representing Bengaluru region at Bhopal with over 200 participating schools, thereby bringing fame to the Bengaluru region.
- III position in **State Level Science Seminar** conducted by Vishveshvaraya Industrial and Technological museum.
- Special Recognition Award in National Level **Cisco iDEATE Great Digital India Challenge** 2016.
- Nominated for the Best 100 stories at National Level in **"ING VYSYA Creating Life" story telling** contest.
- **Student Editor** for the college magazine, titled 'Spandana'.
- Awards and accolades for participation in numerous essay writing, elocution, recitation, cultural singing, and dance events. Also took part actively in school plays and street plays.

CERTIFICATIONS & COURSES

- Microsoft Office Specialist
- Microsoft Technology Associate - Database Systems
- Learn & understand D3.js for data visualization - Udemy
- Arts Therapy for Self-healing - Udemy
- Data Science, Deep Learning & Machine Learning with Python - Udemy - In Progress
- NLP Practitioner Certificate Course - Udemy - In Progress