

Anish Shankar

Curriculum Vitae

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Education

- 2010–2014 **B.Tech with Honours in Computer Science**, *International Institute of Information Technology*, Hyderabad, CGPA – 8.7 .
- 2009–2010 **Senior Secondary – CBSE AISSCE**, *Padma Sheshadri Senior Secondary School*, Chennai, 95.25%.
In top 1% (National)

Work Experience

- Nov 2014 – present **Software Engineer, Google Australia, Sydney**. I currently work on several projects which help to run and manage Google's production cross-datacenter networking as well as helping to develop the next generation in networking technologies for use in google.

Achievements/Awards

- ACM ICPC **18th place** in the ACM ICPC World Finals 2012 , held in Warsaw, Poland in May 2012. *Highest Indian Team Rank at ICPC till date.*
- ACM ICPC **42nd place** in the ACM ICPC World Finals 2011 , held in Orlando, Florida in May 2011. The ACM ICPC is one of the most prestigious competitive programming contest at the collegiate level. Our Team qualified for the finals after multiple regional rounds.
- IOI 2010 Represented India at International Olympiad in Informatics (IOI) 2010 held at Waterloo, Canada. Came **46th Globally and Secured a Silver Medal**. The IOI is the most prestigious competition for algorithmic and programming skills at the High-School level.

Internships

- Summer 2013 **Facebook Inc. – Software Engineering Intern** , Interned in Facebook's Site Reliability Team at their HQ in Menlo Park. I worked on instrumenting and analyzing several critical error processing pipelines, and also wrote an application to easily deploy and monitor new pipelines.
- Summer 2012 **Google Inc. – Software Engineering Intern** , Interned at Google's Mountain View campus to work on a Software Engineering Project in Google Plus. The project involved evaluating Social Post Similarity and experimenting with new algorithms and evaluating the performance of approaches.

Projects

- 2013 **Realtime Twitter interestingness search** - TREC Microblog 2013, Developed a searching model that was capable of searching for most relevant and most interesting tweet corresponding to a query, in real-time. It included the usage of Information Retrieval and Extraction techniques.
- 2012 **Distributed Tweet Clustering System**, Implemented a distributed tweet clustering and classification engine which takes a stream of tweets and clusters tweets based on its topic.
- Misc. **Other small projects:** *Search Engine for Wikipedia* (40GB dataset), *Virtualization Orchestration Layer* using libvirt, A basic custom *Linux Shell* with job handling, A simple *Multi-Threaded Proxy Server* with caching, *GPS Location Route Recording* Android Application for Shepherds, A simple Racing game in *OpenGL*, *Grade Management System* - A web portal for easy grade management,
- Fun Stuff I love working on fun projects, In the past I've played with a DD-WRT router to setup transparent proxying, and another where I managed to turn a DD-WRT router into a digital binary clock

Miscellaneous

- 2012 **Programming Club - Coordinator**, I was the coordinator for the Programming club in IIIT-H , and helped organise several of the group activities.
- 2011–2013 Helped organize several college events including **Codecraft**, **TLE/Optimus** and several other Felicity-Threads events which saw International participation across multiple years. Also helped organize some other events such as **Felicity Buzz**.
- 2011 **Assistant Coach at the IOITC** International Olympiad in Informatics Selection/Training camp during Summer 2011. Took up many aspects such as Problem Setting, Test data preparation and Test Evaluations apart from Teaching Algorithmic and Programming aspects to the Students.

Technical Skills and Experience

- OS GNU/Linux
- Languages C, C++, Java
- Scripting Bash, Python
- Others Version Control(git, svn), MySQL, Hadoop, Linux Socket Programming, OpenGL, Linux System Calls, Config Management Systems, Error Processing Systems
- Interest Areas Networking Systems, Distributed Systems, Algorithms, Cloud and Bigdata

Last updated: October 11, 2015

<http://web.iiit.ac.in/~anish.shankar/cv/cv.pdf>