

Santa Clara Valley Science and Engineering Fair Association

P.O. Box 307, Los Altos, California 94023 • 650-856-1289

www.science-fair.org

Celebrating Consecutive Regional Science Fairs Since 1960

Affiliated with the Intel International Science and Engineering Fair

MENTOR PROFILE FOR STUDENTS TO REVIEW

Please fill in the appropriate information boxes below, and email this document to claught1@earthlink.net for posting on our website www.science-fair.org.

Last name: Narayanaswamy

First name: Naga

College and degree(s) earned: Indian Institute of Technology, MS Computer Science and Engineering

Email address: please contact mentors@science-fair.org

Web page (if applicable):

<https://www.linkedin.com/in/naga99>

Phone number and available hours to call:

please contact mentors@science-fair.org

Your background summary: (Please limit to 200 words)

I currently work as a Senior Quality Assurance Manager at Nimble Storage, since November 2013. Have 20 years' experience in the IT industry. I have followed the telecommunication and IT industry closely since early 90's and has observed the patterns of the industry and can make good judgments about the future from a technology perspective. Before that, I worked as a Quality Assurance Manager at Riverbed Technology, San Francisco in the area of WAN Optimization. Previously worked as a Senior Software Engineer at Hifn and Lucent Technologies, Inc. Before that worked at Newbridge Networks, VA, CommVault Systems, NJ and National Center for Software Technology, Government of India.

Briefly write about your science and/or engineering interests:

Area of interests and expertise include many areas in computing science and mathematics - Computer Security Protocols, High Speed Networks, Mobile Operating systems and Open Source technologies like Linux. I am one of the featured reviewers in ACM Computing surveys and am an avid reader of computing books.

Projects from which scientific Fields of Study (one or more) would you be interested in mentoring?

Categories are explained in detail at

<https://science-fair.org/rules-and-registration/project-categories/>.

Electrical Engineering

Internet of Things
Networking and Data Communication
Product Testing (Grades 6–8 only)
Wearable technology

Mathematics

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Algebra
Analysis
Combinatorics, Graph Theory and Game Theory
Computer Mathematics
Geometry and Topology
Number Theory
Probability and Statistics

Software Engineering (Project #xxx-Hxx-xx)

Algorithms
Analytics
Artificial Intelligence
Benchmarking
Big Data
Cloud Computing
Cognitive Computing
Cybersecurity
Databases
Computer Graphics, Simulations, Image Processing
Computer Systems, Operating Systems
Mobile Computing
Networking and Communications
Product Testing (Grades 6–8 only)
Programming Languages

If you are a past Science Fair Judge, list scientific categories which you judged:

If you are a past Science Fair Judge, list fairs by name in which you participated (local school fair, Synopsys Championship, CSSF, ISEF, etc.)
