

SHYAMSUNDER (SHYAM) RAGHAVAN

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EDUCATION

Class of 2017, School of Computer Science, Carnegie Mellon University, Pittsburgh, PA

TESTING

- SAT: Math: 800, Critical Reading: 730, Writing: 720
- ACT: Composite: 34, Math: 34, Reading: 34, Science: 36, Combined Writing and Essay: 33
- SAT II: Chemistry: 800
- SAT II: Math Level II: 800

AWARDS / RECOGNITIONS

2013:

FIRST Robotics Competition, March – April 2013:

- 1st Place at World Championships, Team Captain.
- 1st Place at Razorback Regional, Team Captain.

Houston Science and Engineering Fair (“A Study of Solar Paint II”), March 2013:

- 2nd Place in category.

2012:

International Science and Engineering Fair (“A Study of Solar Paint”), May 2012:

- 2nd Place in category.

Texas State Science and Engineering Fair (“A Study of Solar Paint”), April 2012:

- 5th Place in category.

Houston Science and Engineering Fair (“A Study of Solar Paint”), March 2012:

- Grand Award in Fair.
- 1st Place in category.

Local Sci://Tech Science and Engineering Fair (“A Study of Solar Paint”), February 2012:

- 1st Place in category.

FIRST Robotics Competition, March – April 2012:

- 16th Place at World Championships, Subteam Leader.
- 1st Place at Alamo Regional, Subteam Leader.
- 1st Place at Bayou Regional, Subteam Leader.

Other:

- National AP Scholar
- Represented School at Texas Junior Science and Humanities Symposium, January, 2012.

2011:

Houston Science and Engineering Fair (“Windows on the World”), April 2011:

- Honorable Mention in Category.
- Navy Academy Special Award.

FIRST Robotics Competition, March – April 2011:

- 16th Place at World Championships, Subteam Leader.
- 1st Place at Lone Star Regional, Subteam Leader.

WORK EXPERIENCE

Essential Technical Solutions, Inc.:

- Developer and Systems Maintenance, August 2010 – Present.
- Internship, January 2010 – August 2010.

Huntsman Chemical Co. Polyurethanes Division:

- Research and Development, July 2012.
- Internship, June 2012 – July 2012.

VOLUNTEER WORK

Academy of Science and Technology:

- Junior High School Visits, September 2009 – Present; 4 Hours/Year.

- Academy Information Night, September 2009 – Present; 10 Hours/Year.
- Science Fair Information Night, November 2009 – Present; 6 Hours/Year.
- Academy Interview Night, January 2009 – Present; 24 Hours/Year.

Leo Club Volunteering Program:

- Knox Junior High Tutoring, March 2009 – Present; 30 Hours/Year.

FIRST Robotics Outreach:

- FLL Qualifier Hosting, December 2010 – Present; 20 Hours/Year.
- Demonstrations to Elementary Schools, March 2010 – Present; 40 Hours/Year.

Other Community Service:

- Canned Food Drive, October 2009 – Present; 20 Hours/Year.
- Tutoring Young Students at Sanskriti Religious School, December 2010; 16 Hours.
- Judge at Junior Science Fair, February 2010 – Present; 4 Hours/Year.
- Ironman Texas Medical Tent Assistance, May 2012; 4 Hours.

SOFTWARE

- Ruby, Ruby on Rails
- Java, Android
- C++
- Python
- HTML/CSS
- UNIX
- LaTeX
- git
- Adobe Photoshop

SKILLS

- Inspirational leader that acts as a team member.
- Excellent work-ethic – hard-working and perseverant.
- Organized approach creating effective workflow.
- Ability to manipulate technology to allow efficient use of time.
- Teach and tutor others – peers and mentees.
- Communicates clearly – both written and verbal.
- Verbal Knowledge of Tamil and Spanish.

LINKS

- GitHub: github.com/shyamraghavan
- Twitter: twitter.com/shyamraghavan1
- Facebook: facebook.com/shyamraghavan1

REFERENCES

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| • Mr. Scott Rippetoe, Teacher, Academy of Science and Technology | mr.rip@texastorque.org |
| • Dr. Steve Diamanti, Huntsman Polyurethanes | steve_diamanti@yahoo.com |
| • Mr. Harshad Patel, Mentor, Geologist | dad.patel@gmail.com |