

Shreyasvi Natraj

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PROFESSIONAL EXPERIENCE

Research Intern, 05/2016 to Current

Graviky Labs (MIT Media Lab Offshoot) — Bangalore, Karnataka

- Converted air pollution into printing ink.
- Worked on air pollution collection mechanism from car exhaust.
- Demonstrated the project in Hong Kong.

Links for details:

- <http://www.air-ink.com/#imagevid>
- <http://www.graviky.com/air-ink.html>
- <http://edition.cnn.com/2016/07/27/arts/air-ink-painting-with-pollution/>
- <http://www.adweek.com/adfreak/tiger-beer-turned-air-pollution-ink-and-had-artists-try-it-out-173141>
- <http://www.graviky.com/>
- <https://www.facebook.com/graviky/>

SKILLS

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| • Raspberry Pi (Beginner) | • Matlab (Beginner) |
| • Invention (Fluent) | • Embedded C (Beginner) |
| • Technological Innovation (Fluent) | • Python (Beginner) |
| • Technology Solutions (Fluent) | • Eclipse (Beginner) |
| • Management Project (Fluent) | • SketchUp (Beginner) |
| • Management Computer (Intermediate) | • Android Studio (Beginner) |
| • Maintenance Computer (Intermediate) | • SolidWorks (Beginner) |
| • Microsoft Visual Studio (Beginner) | • NoSQL Injection (Beginner) |
| • C++ (Beginner) | • Adobe Photoshop CS (Intermediate) |
| • HTML (Beginner) | • Adobe Premiere Pro CC (Intermediate) |
| • Computer Hardware Assembly (Intermediate) | • iMovie (Intermediate) |
| • Photography (Intermediate) | • Atmel AVR (Beginner) |
| • Short Film Making (Intermediate) | • Arduino (Beginner) |
| • Strong Presentation Skills | • 3D Printing using Slicer (Beginner) |
| • Circuit Design (Beginner) | • Hybrid Car Wiring using Keli Motor Controller (Beginner) |
| • Commercial Aircraft Dynamics (Beginner) | • Combustion Car Wiring With MoTec (Beginner) |

ACCOMPLISHMENTS

- Shell Ideas 360 2015/16 Round 2 Qualifiers: Qualified for the top 73 teams across the globe for the Shell Ideas 360 Competition organized by Shell.

- Google Science Fair 2014 Participant: Developed a concept solar powered stagnant water body purifier.
- Google Science fair 2013 Participant: Developed a concept airplane kinetic energy recovery system.
- Airbus Fly You Ideas 2015 Round 2 Qualifiers: Qualified among the top 100 teams globally for the airbus fly your ideas 2015 campaign
- Future Ideas academic competition top 10 finalists: Was selected among the top 10 finalists for the Future Ideas World Wide Academic Competition 2015.
- DST INSPIRE Physics Quiz Second prize winner: Won 2nd prize in state level physics quiz organized by DST INSPIRE (Central Government) for the top 1% of the state (based on academic performance).
- DST INSPIRE Basketball competition winner: Won 1st prize in basketball competition organized by DST INSPIRE (Central Government) for the top 1% of the state (based on academic performance).
- Google Science Fair 2015 Participant: Developed a concept body heat powered GPS tracking device for soldiers.
- SRISTI-UNICEF Award 2015 Winner: Received this award at the hands of Dr. R A Mashelkar, Chairperson, National Innovation Foundation (NIF), DST, Central Government, at IIM Ahemdabad.
- National Entrepreneurship Challenge Winner 2015/16: Won first prize in the NEC 2015/16 held at IIT Bombay.
- Valeo Innovation Challenge 2016 Participant: Developed a concept car that runs using a wireless gamepad.
- KPIT Sparkle 2016 Promising Innovator Award: Received award for the most promising innovator by KPIT for the competition KPIT Sparkle 2016
- IIT Madras Shaastra Maker Summit 2016 Participant: Was selected among other 60 people for participating in Maker summit organized at Shaastra 2016 at IIT Madras
- Engineering The Eye 16' Certificate Of Team Excellence and participant: Developed a low cost device to diagnose corneal blindness at an early stage (Event organized by MIT Media Lab Camera Culture)
- Google Science Fair 2016 participant: Developed a concept piezoelectric shock absorber mechanism for airplanes.
- Microsoft Imagine Cup 2015 Top 10 Pitches: Developed a basic application that gives quantified amount of food to eat based on calories burnt.

EDUCATION AND TRAINING

Bachelor of Science: Engineering, 2019

R. V. College of Engineering — Bangalore, Karnataka, India

Activities:

- Ashwa Racing: Electrical Team member of college's Formula Student and Formula Student Hybrid Team
- Entrepreneurship Cell: Member of the college's Entrepreneurship cell and the National Entrepreneurship team of 2015/16.

CERTIFICATIONS

- Attended 15 day summer internship in robotics and embedded C organized by Robosapiens India Pvt. Ltd.
- Volunteered in RotaFest 2016 organized by District Rotary

LANGUAGES

Fluent In:

- Hindi
- English

ADDITIONAL INFORMATION

I would really like to know you're feedback on my profile as it will help me in improving.
Looking forward to your reply.