

SIVASUBRAMANYAM A

Website : www.sivasubramanyam.me **Contact** : +91 9444997383
Email : sivasubramanyama@gmail.com **Github** : <https://github.com/astronomersiva>

ACADEMIC ACHIEVEMENTS:

- Bachelor's degree in Computer Science and Engineering at RMK Engineering College, Anna University with a CGPA of 8.09 (till fifth semester).
- Higher Secondary Examination at Velammal Matriculation Higher Secondary School with 96.41 percentage.
- SSLC Examination at St. Ann's Matriculation Higher Secondary School with 89 percentage.

HONORS:

- Won the first prize in the national level **"Alan Turing Quiz"** organised by the Computer Society of India for two consecutive years (2014 and 2015).
- Won the second prize for the project **"Voice controlling smartphones with Python and SL4A"** at the ISTE Tamil Nadu and Pondicherry State Convention (2014).
- Presented a paper titled **"Smart phone based home automation using Raspberry Pi and SL4A"** at the International Conference on Information Technology, New Delhi organised by the **Defence Research and Development Organisation** (2015).
- Won the first prize in **National Level Android Developer Challenge** (2015) at IIT - Bombay.
- Won the first prize for a Google Maps Javascript API based Transit Information App for Firefox OS during a **hackathon** organised by the Madras Institute of Technology.

PROJECTS:

- Worked on improving the efficiency of the SMS Alert System used by the **Nature Conservation Foundation**, Valparai to alert locals about the presence of elephants by a PHP-MySQL based web application.
- My heatmap of Tamil Nadu's water pollution levels created with Python and Google Maps JS API was shared by the [Open Government Data \(OGD\) Platform India](#).
- Built a **semantic search engine** based classifieds portal using MongoDB and PHP.
- Currently working on a web app for the **MS Swaminathan Research Foundation** for monitoring soil fertility levels.

SKILLS:

- Python, C, C++, Java, PHP, MySQL, HTML5, CSS3, Javascript, MongoDB.
- Certified 'A' in Business English - Level Vantage(CEFR level C1) by the **Cambridge University**.

INDUSTRIAL EXPOSURE:

- Worked on Raspberry Pi and Arduino as an intern at **Ensemble Tech**, Chennai.
- Took part in user group meetups of Python and Internet of Things in Chennai. Presented a talk titled “[Python scripting in Android using SL4A](#)” during the March meetup of ChennaiPy(Chennai Python Users Group).

INTERESTS:

- Passionate about stargazing and astronomy. Co-founded the [Chennai Astronomy Club](#).
- Love to explore new trek trails as a [trekker](#).