

## Summary

Surveying Science student with broad interest in theories of Remote Sensing with spatial data as well as data science with python and interest in astronomy since childhood. Apart from academic love to do photography and graphic designing work. Special expertise in the following areas,

- Remote Sensing and GIS
  - Scientific code development using MATLAB, Python, C/C++, R and  $\LaTeX$
  - Artificial Neural Network and Deep Learning Practices
  - Photography, Photoshop, Premiere Pro
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## Education

Sabaragamuwa University of Sri Lanka  
**BSc. – Honours in Surveying Sciences (GPA : 3.04 / 4.00)**  
Undergraduate

BELIHULOYA, SG, SRI LANKA  
2019 – Present

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## Awards

### EO Dashboard Hackathon

Selected for the global finalist in EO Dashboard Hackthon( [Team Watha](#))

June-2021

### NASA

Found Main Belt Astroid - 2020 JM8

2020

Found Main Belt Astroid - 2020 KV13

2020

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## Leadership and Outreach Experience

### SEDS Sri Lanka

#### Chair of Council of Chapters

Oct 2021 - Present

- Manage the chapters with regular communication with each chapter presidents.
- Assisting chapters to launch new projects collaboratively and individually.
- Taking weekly updates of the chapters.
- Targeting on establishing new chapters and spread the SEDS to the community.

#### Publication Manager

Oct 2020 - Oct 2021

- Handle all the social media of the organization including [Youtube](#), [Facebook](#), [Instagram](#) and [LinkedIn](#)
- Organizing awareness sessions and webinars(SpaceTalk, Online Workshops) to the other chapters and to the space enthusiasts
- Handling the media team(Magnetar) and guide them to new projects(Youtube podcast, Medium blog, SEDS SL blog)
- Managing the SEDS Sri Lanka magazine team

#### Founder Member of SEDS Sabaragamuwa Chapter (SEDS Sabra) SABARAGAMUWA UNIVERSITY OF SRI LANKA

##### Founder Member

Jan 2020

- Registered a new chapter of SEDS in Sabaragamuwa University of Sri Lanka under SEDS Sri Lanka which stands for Students for the Exploration and Development of Space.
- Organized the first Night Sky Observation and Morning Sun Observation Camp in university premises

### Nasa SpaceApps

#### Local Lead

Jun 2021 - Present

- Local Lead for the [NASA Space Apps Colombo](#) location 2021.
- Guide organizing team to host the event in the location according to the NASA guidelines.

#### Local Lead Co-host

Jun 2020 - Feb 2021

- Managed the event registration and helped the participants with technical problems.
- Contacted mentors for the competition.
- Managed Social Media platforms.
- Helped with fundraising to host the event in the Colombo location.
- Designed the NASA SpaceApps Colombo logo
- Worked with the [NASA Space Apps Colombo](#) website designing team

### **Serendib 1.0**(Sri Lankan First High Altitude Balloon)

#### **Team Member**

*Dec 2020*

- Worked under the technical team and worked with the gas collection mechanism.
- In the launching day worked with the tracking team and found the landed payload.
- Processed the data set collected and published as a [R notebook](#)

### **Serendib 2.0**(Sri Lankan Second High Altitude Balloon)

#### **Manager of Data Analyst Team**

*Dec 2021*

- Designed the infrastructure with the electronic team to collect atmospheric data.
- Predicted the landing site with use of the data collected by radiosonde and found the location where the payload landed.
- Working on creating atmospheric model using the collected atmospheric data set.

### **Sundara Belihuloya**(Sabaragamuwa University Photographic Crew)

#### **Crew Member**

*June 2019 – Present*

- Covered University special events and functions (Pirihimbini Diyawara, Japanese Day 2020)
- Covered Sports events (GPL 2020, Geo - Agri Cricket Trophy 2020 )
- Organized online Vesak Festival