

Intern - IoT & Computer Vision

About Us

The Sparks Foundation (TSF) is a non-profit organization registered in India and Singapore. We envision a world of enabled and connected little minds, building the future. We aim to inspire students, help them innovate and let them integrate to build the next generation of humankind. We help the students to integrate and help each other, learn from each other, and do well together. Know more about us on: <https://www.thesparksfoundationsingapore.org/>

The Graduate Rotational Internship Program (GRIP) is the flagship program of TSF in which students, recent graduates and professionals focus on technical skills development as well as professional profile improvement on LinkedIn. The program offers a platform to connect with students and professionals from varied diversity, background, skills and countries. During Covid-19 pandemic, the format of GRIP is 1-month, unpaid and virtual internship. It is open for students and professionals from all expertise levels and backgrounds. The tasks are of beginner as well as advanced levels, and **you can select your tasks based on your skill level.**

Job Description

Selected intern's day-to-day responsibilities may include one or more among the following:

Computer Vision

1. Developing custom image processing algorithms and software
2. Creating applications for facial and emotion recognition, automated optical inspection etc
3. Developing advanced vision algorithms and applications for machine automation and visual inspection

Internet of Things

1. You should have academic exposure of Raspberry Pi, Nvidia Jetson, & microcontrollers
2. Develop software for IoT, Artificial Intelligence and Machine Learning applications
3. Direct research on emerging trends//solutions/standards in Automation and IoT/Industry 4.0

Benefits & Perks

1. Flexible working hours, remote/virtual internship, constant guidance of mentors
2. Certificate of Completion upon successful completion of the internship
3. A wide diversity of students and professionals from different background, skills and countries to connect with
4. Offer to join TSF team as mentors
5. Letter of Recommendation to successful mentors