

# SUMMER INTERNSHIP OPPORTUNITY

SPHERE

CPS

Security and Privacy Heterogeneous Environment for Reproducible Experimentation

## An exciting opportunity for talented students to join the SPHERE project, a new research infrastructure for security and privacy experimentation

SPHERE will offer unprecedented access to a diverse array of hardware, software, and resources to shape the next generation of advancements in this field. You will work with the SPHERE development team to help build the physical infrastructure, the underlying control software, the external user interfaces, and the accompanying documentation.

### REQUIREMENTS :

- Currently enrolled in a U.S. institution undergraduate or graduate degree program
- **Must have:** experience with Python, familiarity with Linux command line and SSH, ability to troubleshoot hardware and software integration issues, strong problem-solving skills and willingness to learn about industrial control systems
- **Nice-to-have:** Familiarity with networking concepts and protocols (e.g., TCP/IP, Modbus), experience with embedded devices (e.g., Raspberry Pi, Arduino), knowledge of industrial protocols and control systems (e.g., DNP3, SCADA), prior experience with data collection tools or databases, exposure to OT environments or PLCs

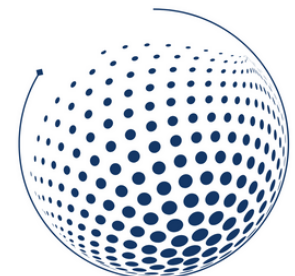
### INTERNSHIP DETAILS:

- **Duration:** 8-10 weeks
- **Start Date:** June 2, 2025
- **Location:** Marina del Rey, CA
- **Compensation:** \$700 per week plus room and board at USC, and travel between USC and USC-ISI

If you are interested, please send a **cover letter** highlighting relevant expertise/experience and your **CV** to: [apply@sphere-project.net](mailto:apply@sphere-project.net) with the subject line "SPHERE Internship Application" by **February 28, 2025**. Applications will be reviewed on a rolling basis.



scan for more info



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