

LG webOS Global Online Summer Internship Program

CHRIST (Deemed to be University) will be conducting a Global Online Internship Summer Program for international students on LG webOS technology

- **Dates:** 5th July 2021 (Monday) ~ 6th August 2021 (Friday), 13th August 2021 (Friday)
- **Timings:** 9:30 AM ~ 5:00 PM IST (1:00 PM ~ 8:30 PM KST)
- **Online platform:** CISCO Webex meetings

Overview of the Internship Program

WEEK	DATES	ACTIVITY
I	5th Jul '21 ~ 9th Jul '21	webOS Training (Team for the Hackathon to be formed and Project Idea to be finalized)
II	12th Jul '21 ~ 16th Jul '21	webOS Training
	12th Jul '21	Hackathon Starts
	14th Jul '21	Submission of ideas for hackathon
III	19th Jul '21 ~ 23rd Jan '21	Project Implementation for Hackathon
IV	26th Jul '21 ~ 30th Jul '21	Project Implementation for Hackathon
V	2nd Aug '21 ~ 4th Aug '21	Project Implementation for Hackathon
	5th Aug '21	Submission of complete Hackathon project
	6th Aug '21	Presentation to LG panel
	13th Aug '21	Hackathon Result announcement and closing ceremony

Proposed Training Content and Schedule

DAY	TOPIC	DATE	TIME (IST)	Hrs.
Training (Theory and Hands On)				
Day-1	<ul style="list-style-type: none"> Inauguration Event 	5-Jul-2021 (Monday)	10:00 AM – 11:00 AM	1
	<ul style="list-style-type: none"> Introduction to webOS Architecture Build Setup of webOS Information about developer forum 		11:00 AM – 5:00 PM	5
Day-2	<ul style="list-style-type: none"> Build Setup + Yocto Luna service: LS2 basics and LS2 internals webOS Emulator 	6-Jul-2021 (Tuesday)	9:30 AM – 5:00 PM	6.5
Day-3	<ul style="list-style-type: none"> Nyx Interface (Demo Sensor Service) Bluetooth Connectivity WiFi connectivity 	7-Jul-2021 (Wednesday)	9:30 AM – 5:00 PM	6.5
Day-4	<ul style="list-style-type: none"> Media Camera 	8-Jul-2021 (Thursday)	9:30 AM – 5:00 PM	6.5

Day-5	<ul style="list-style-type: none"> • Native service + Hands On 	9-Jul-2021 (Friday)	9:30 AM – 2:00 PM	4.5
	<ul style="list-style-type: none"> • Lectures/Technical session by LG Engineers 		3:00 PM – 5:00 PM	2
Day-6	<ul style="list-style-type: none"> • CLI • DB8 • Hackathon starts 	12-Jul-2021 (Monday)	9:30 AM – 5:00 PM	6.5
Day-7	<ul style="list-style-type: none"> • IoT Connectivity • Introduction to Web Application 	13-Jul-2021 (Tuesday)	9:30 AM – 5:00 PM	6.5
Day-8	<ul style="list-style-type: none"> • NodeJS Service • NodeJS Service Hands-on • Submission of Project Ideas for Hackathon for suggestions by LGSI 	14-Jul-2021 (Wednesday)	9:30 AM – 5:00 PM	6.5
Day-9	<ul style="list-style-type: none"> • React JS application development 	15-Jul-2021 (Thursday)	9:30 AM – 5:00 PM	6.5
Day-10	<ul style="list-style-type: none"> • Enact JS App development on webOS environment 	16-Jul-2021 (Friday)	9:30 AM – 2:00 PM	4.5
	<ul style="list-style-type: none"> • Lectures/Technical Sessions by LG Engineers 		3:00 PM – 5:00 PM	2

Project Implementation

Day-11	<ul style="list-style-type: none"> Project Implementation (9:30 AM – Morning meeting) (4:30 PM – Afternoon meeting) 	19-Jul-2021 (Monday)	9:30 AM – 5:00 PM	6.5
Day-12	<ul style="list-style-type: none"> Project Implementation (9:30 AM – Morning meeting) (4:30 PM – Afternoon meeting) 	20-Jul-2021 (Tuesday)	9:30 AM – 5:00 PM	6.5
Day-13	<ul style="list-style-type: none"> Project Implementation (9:30 AM – Morning meeting) (4:30 PM – Afternoon meeting) 	21-Jul-2021 (Wednesday)	9:30 AM – 5:00 PM	6.5
Day-14	<ul style="list-style-type: none"> Project Implementation (9:30 AM – Morning meeting) (4:30 PM – Afternoon meeting) 	22-Jul-2021 (Thursday)	9:30 AM – 5:00 PM	6.5
Day-15	<ul style="list-style-type: none"> Team Presentation-1 to mentors 	23-Jul-2021 (Friday)	9:30 AM – 5:00 PM	6.5
Day-16	<ul style="list-style-type: none"> Project Implementation (9:30 AM – Morning meeting) (4:30 PM – Afternoon meeting) 	26-Jul-2021 (Monday)	9:30 AM – 5:00 PM	6.5

Day-17	<ul style="list-style-type: none"> • Project Implementation (9:30 AM – Morning meeting) • (4:30 PM – Afternoon meeting) 	27-Jul-2021 (Tuesday)	9:30 AM – 5:00 PM	6.5
Day-18	<ul style="list-style-type: none"> • Project Implementation (9:30 AM – Morning meeting) • (4:30 PM – Afternoon meeting) 	28-Jul-2021 (Wednesday)	9:30 AM – 5:00 PM	6.5
Day-19	<ul style="list-style-type: none"> • Project Implementation (9:30 AM – Morning meeting) • (4:30 PM – Afternoon meeting) 	29-Jul-2021 (Thursday)	9:30 AM – 5:00 PM	6.5
Day-20	<ul style="list-style-type: none"> • Team Presentation-2 to mentors 	30-Jul-2021 (Friday)	9:30 AM – 5:00 PM	6.5
Day-21	<ul style="list-style-type: none"> • Project Implementation (9:30 AM – Morning meeting) • (4:30 PM – Afternoon meeting) 	02-Aug-2021 (Monday)	9:30 AM – 5:00 PM	6.5
Day-22	<ul style="list-style-type: none"> • Project Implementation (9:30 AM – Morning meeting) • (4:30 PM – Afternoon meeting) 	03-Aug -2021 (Tuesday)	9:30 AM – 5:00 PM	6.5
Day-23	<ul style="list-style-type: none"> • Project Implementation (9:30 AM – Morning meeting) • (4:30 PM – Afternoon meeting) 	04-Aug -2021 (Wednesday)	9:30 AM – 5:00 PM	6.5

Day-24	<ul style="list-style-type: none"> Project Completion and Submission of Hackathon project to the portal 	05-Aug -2021 (Thursday)	9:30 AM – 5:00 PM	6.5
Day-25	Final Presentation to LG panel	06-Aug -2021 (Friday)	9:30 AM – 5:00 PM	6.5
	Hackathon Result announcement and closing ceremony	13-Aug – 2021 (Friday)	TBD	1.5

*Break from 1:00 PM (IST) to 2:00 PM (IST) everyday

Other Details

1. The student should complete self-study on webOS before they join the internship as a prerequisite for the internship. Recorded videos of the previous training as well as content (presentations) would be provided
2. The students should form a team with 4~5 members, and should submit a project idea for Hackathon by 14th July. This project has to be implemented and submitted for evaluation by 5th August, 2021 as part of the LG Soft India (LGSi) Hackathon
3. The training comprises of theory sessions as well as hands-on training followed by quizzes
4. There will be daily meetings with the assigned mentors during project implementation. Mentors will be assigned
5. Interns will submit their implementation at the end of internship period as part of Hackathon. The submissions will include the video demonstration of the working project, presentation and project codes

6. The results of the Hackathon along with the final results will be announced in the closing ceremony on 13th August (Friday)