

IMMERSE THE BAY

November 14-16, 2025

Overview

Hacking

Judging Tracks

Sidequests

Schedule



Overview

Hacking

Judging Tracks

Sidequests

Schedule



Immerse the Bay 2025

Our Theme

Down the Rabbit Hole

Overview

Hacking

Judging Tracks

Sidequests

Schedule



Hackathon Rules

- Hackathon teams have 36 hours to build a project involving extended reality (XR) technology
- Teams have a maximum size of four people
- Primary track prizes are focus on specific application-based categories
- Sponsored track prizes focus on platform utilization from our sponsors

Hackathon Rules

- Submission requires a team **Devpost link** including a **demo video** and attached **Git repository**
 - You will have to add a Git repo and Devpost link during team formation form tonight
 - The video needs to be max 30 seconds vertical Tik Tok style and added to devpost.
- All code developed by teams must be open-sourced under the MIT License

Hackathon Rules

- All hardware equipment used must be sponsored or publicly available devices and software
 - All hacks using devices or software not publicly available are only eligible for the “Wild West” track
- Only paid services allowed are keys for AI models like or cloud storage services, but the usage limit is capped at \$20 for the extent of the hackathon
- Use of AI to aid in hackathon project development is allowed but must be cited in the repository’s README

Hackathon Rules

- “Pens down” is at 9am Sunday, no further editing. Our system will pull the latest state of devpost and git repo at 9:01 am so make sure that you update them. No exceptions.
 - Note that hackathon end time on Devpost will be 3:00 pm so you can still make changes for your personal portfolios

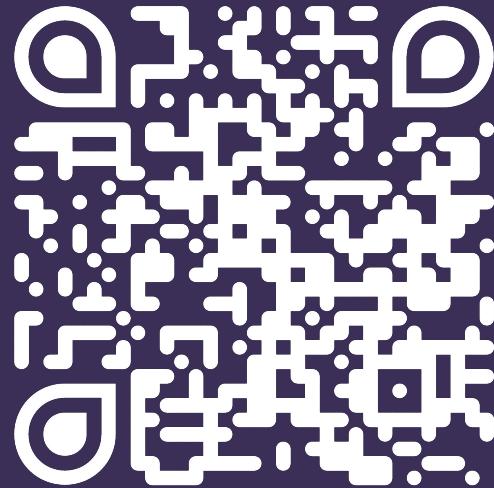
Hacking Spaces

- Our main hacking space will be in the basement of Huang
 - Additional hacking spaces are reserved on the first, second and third floors, so feel free to spread out and explore
- Food will be located in the basement of Huang

Team Formation

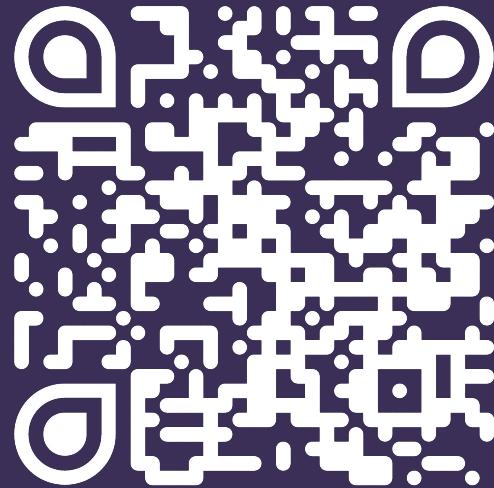
- Team formation will occur in the Huang Basement in the foyer behind the stairs
 - If you haven't found a full team yet, join us to mingle, network, and find teammates
- If you still haven't found a full team by 9pm, please come to Mission Control (in the basement near the stairs)

Team Formation



This link will also be sent
out on the Discord server

Team Formation

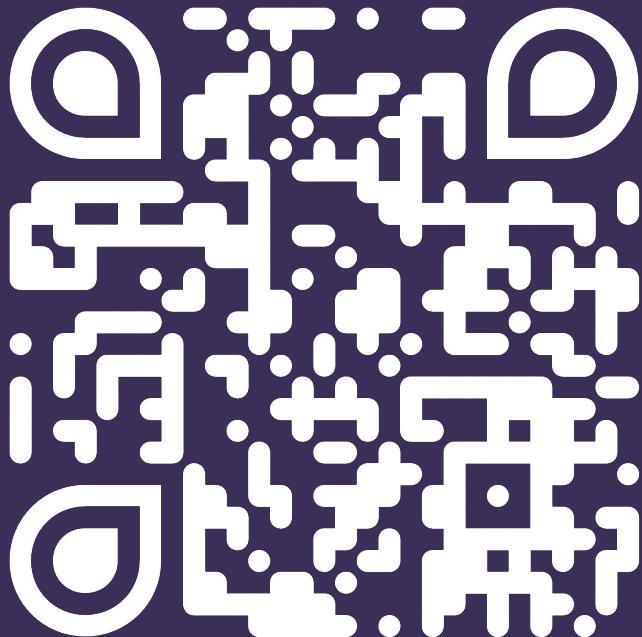


**Team formation forms are due
at 9:30PM tonight along with
equipment loaning requests**

Equipment Loaning

- Loanable equipment:
 - Quest 3
 - Quest 3s
 - Quest 2
 - Pico 4
 - Snap Spectacles
 - Vision Pro (shared; Pico)
 - Afference Rings
 - XREAL Air 2 Ultra
 - OpenBCI UltraCortex and Galea (separate application)

<https://equipment.stanfordxr.org>



Create New Request

Loaning Period *

Immerse The Bay 2025 - TEST

Equipment *

Choose the equipment that you wish to use and rank them based on preference. You will only receive one piece of equipment. Ranking many equipments is recommended to increase the likelihood that you receive equipment.

1st choice:

Meta Quest 3

2nd choice:

Pico 4

Add Equipment

Specify the collateral you intend to provide *

We ask all individuals to provide a form of collateral (e.g. driver's license, passport, ID card, Stanford ID cards, etc.), which will be returned once the equipment is returned to us.

driver's license

Submit Request

Equipment Loaning

- Only one person should submit a request per team
- Submit requests before **9:30 PM** (updates will be sent on Discord – make sure notifications are on)
- Logistics:
 - This is **not** first-come first-serve
 - Ranking more equipment increases your chances of getting matched
- Questions? DM me (Samuel) on Discord

Overview

Hacking

Judging Tracks

Sidequests

Schedule



Thank You

Platinum Sponsors



OPENBCI

XR

X R BOOTCAMP
powered by Meta



ByteDance

Thank You

Gold Sponsors

XREAL RAVEN

AFFERENCE Meshy

Thank You
Silver Sponsors



Thank You

Catering Partners

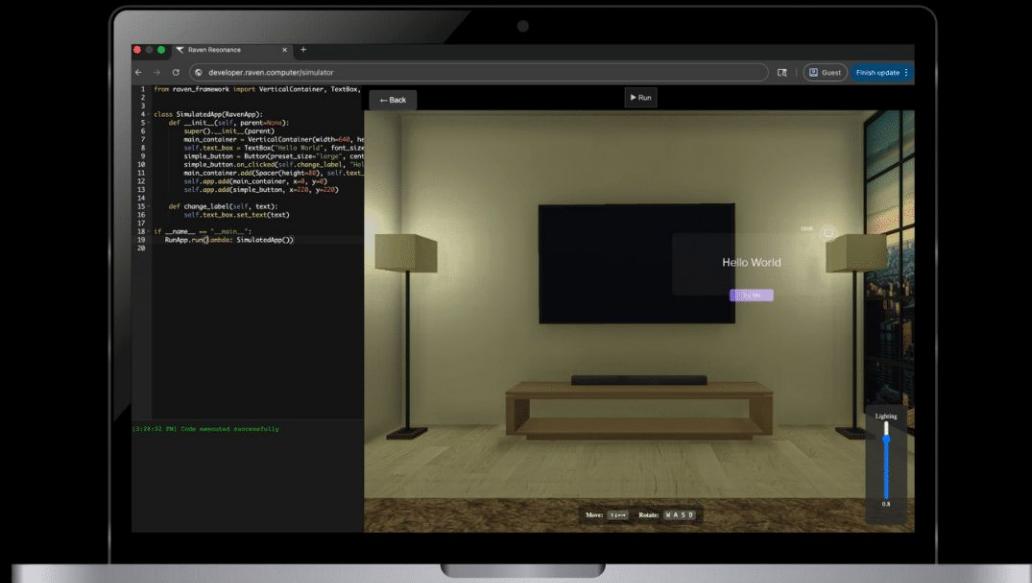


Sponsor





www.raven.computer



Sponsor



Meshy



<http://www.meshy.ai>

Generate



Meshy.ai



Transform Text and Images into 3D Models Instantly



Scan to [start free](#)

The Only 3D AI Tool

Recognized in A16Z's Game Survey as
The Favorite AI Tool for Game Developers



5 Million 3D Creators

We received rave reviews on
Product Hunt



40 Million 3D Assets

Where professionals and enthusiasts
create high-quality 3D models



Sponsor

braintrance

Sponsored Track



Moonlake



The world's first AI game engine



Code
Generation



Mesh
Generation



Layout
Generation



Terrain
Generation



Character
Rigging



Prizes

Best Creation on Moonlake



**Moonlake Masters
(everyone wins)**



moonlakeai.com

Track Details &
Application



Sponsored Track

XREAL

Best XREAL Hack

Description: The best hackathon project using XREAL hardware.

Create augmented reality applications and experiences for:

- Productivity
- Enterprise
- Lifestyle
- Gaming
- Fun

Prizes: Air2 Pro for Each Member of the Winning Team



XREAL Discord Server



SDK Documentation or
<https://docs.xreal.com/>

Sponsored Track



A F F E R E N C E



AFFERENCE

Feel the Future: Artificial Touch in XR

Get ready to bring touch to the virtual world, delivering unmatched precision and clarity to the virtual experience. Using Aference's CES award-winning ring prototype, infuse your Meta Quest experience with a new dimension of intelligent touch—where every pulse, press, and hover conveys real-time information. Redefine what immersion feels like. From confirming button clicks to guiding slider control or signaling in-game events, design an app that makes players say, "I can actually feel it!" Push the limits of XR, sharpen user awareness, and be part of the sensory revolution transforming how we play, interact, and build immersive worlds.



Best Integration Of Aference Artificial Touch receives a Nintendo Switch 2 and TV!

(One switch for 1st place and one TV for runner-up in 2nd place)

Bonus points

- Multiple types of interactions with touch integration (example: button confirmation, touching an object, giving directions, button hover, creating texture, etc.)
- Creating an entirely new type of interaction with touch we haven't seen before.
- Creativity!

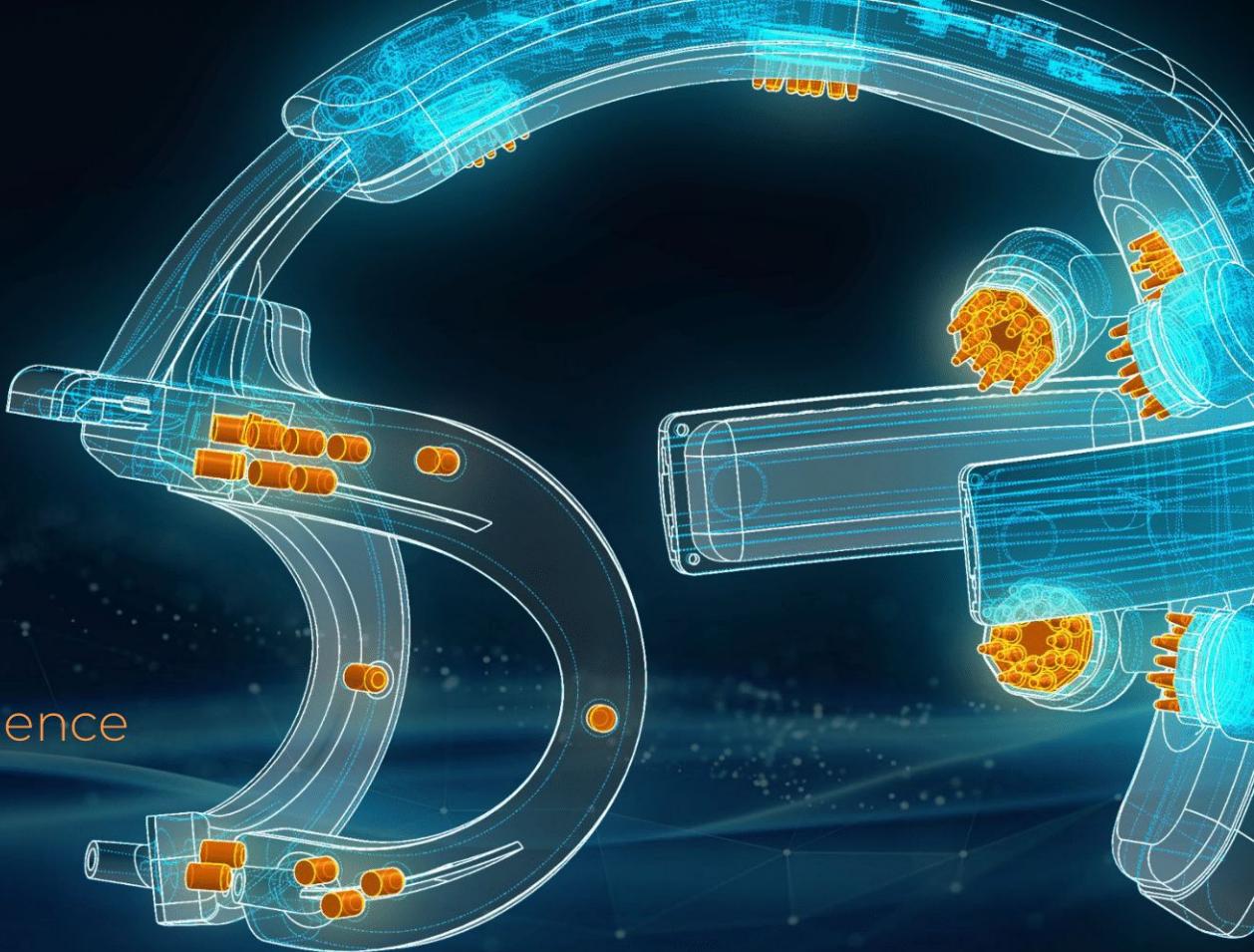
Sponsored Track



OPENBCI



Open Source Tools for
Biosensing & Neuroscience



WE ARE OPENBCI

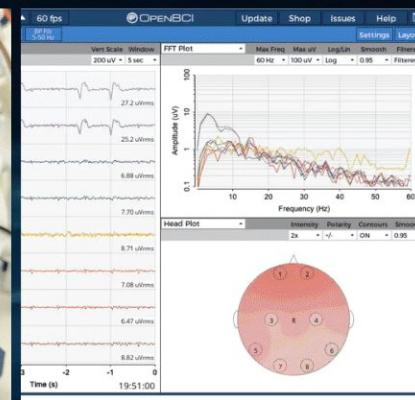
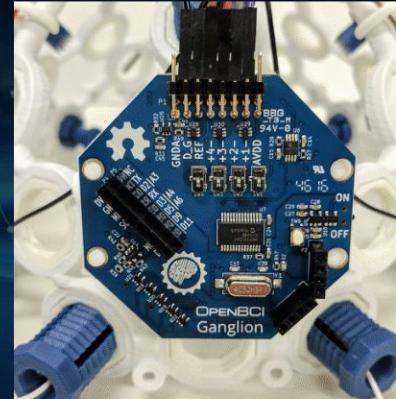
We build **hardware and software** for neural interfacing

Our products make it easy to collect data from the brain and body

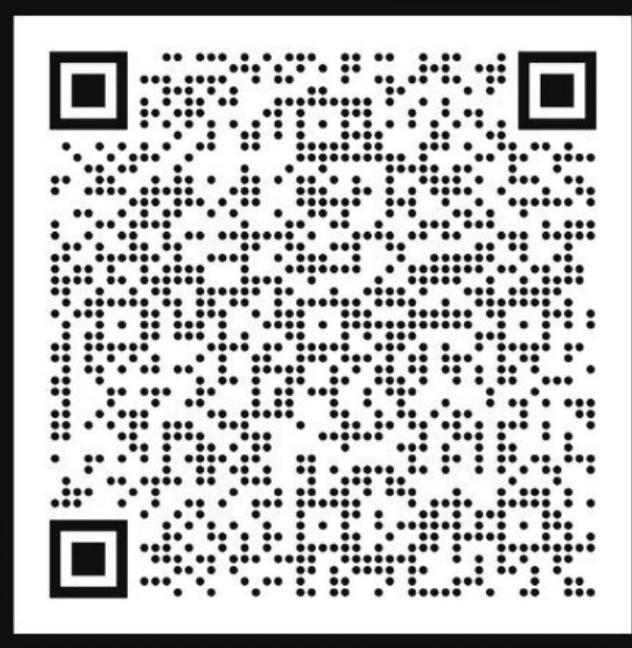
SINCE 2014

40,000+ units sold **100+** countries **300+** citations

[Browse our Products](#)



Applications Instructions



You must apply by 9:10pm on Fri

You must apply as a TEAM

Follow the instructions!

General Links



OpenBCI



Docs



Galea



Newsletter

Sponsored Track

 ByteDance



Break Into Spatial Computing

With PICO x SecureMR x WebSpatial x RoboToolKit

Prize Structure Summary: Up to \$5000* in Awards

1

Golden Ticket for All Track Finishers

Everyone who completes a working demo and presents on Sunday receives:

XR Career Workshop Event by PICO/ByteDance

2

\$2,000 in Cash

Best WebSpatial App — \$750

Best SecureMR App — \$750

Best Overall Design or Storytelling — \$500

3

PICO Ambassador Continuation Track

Winning teams for **WebSpatial** or **SecureMR** => Ambassadors.

- (\$3000) \$1,000 per team to open-source or polish their project post-hackathon
- 1-on-1 mentorship sessions (Product, Engineering, DevRel)
- Featured on social media, GitHub, and Dev Blogs



Get Started!

Sponsored Track



X R BOOTCAMP
powered by  Meta

FROM SENSEI TO SENSAI

MASTERY of XR, CV & AI

- ⚡ Unlock Exclusive DevKits
- ⚡ Free Courses & Webinars
- ⚡ Early Access to Wearables
- ⚡ Online & IRL Hacks Year-Long
- ⚡ Team up with XR, CV and AI Devs



JOIN THE HACKADEMY



SENSEI
SENSAI
HACKADEMY

Next SensAI Hackathons



San Francisco



London



Barcelona



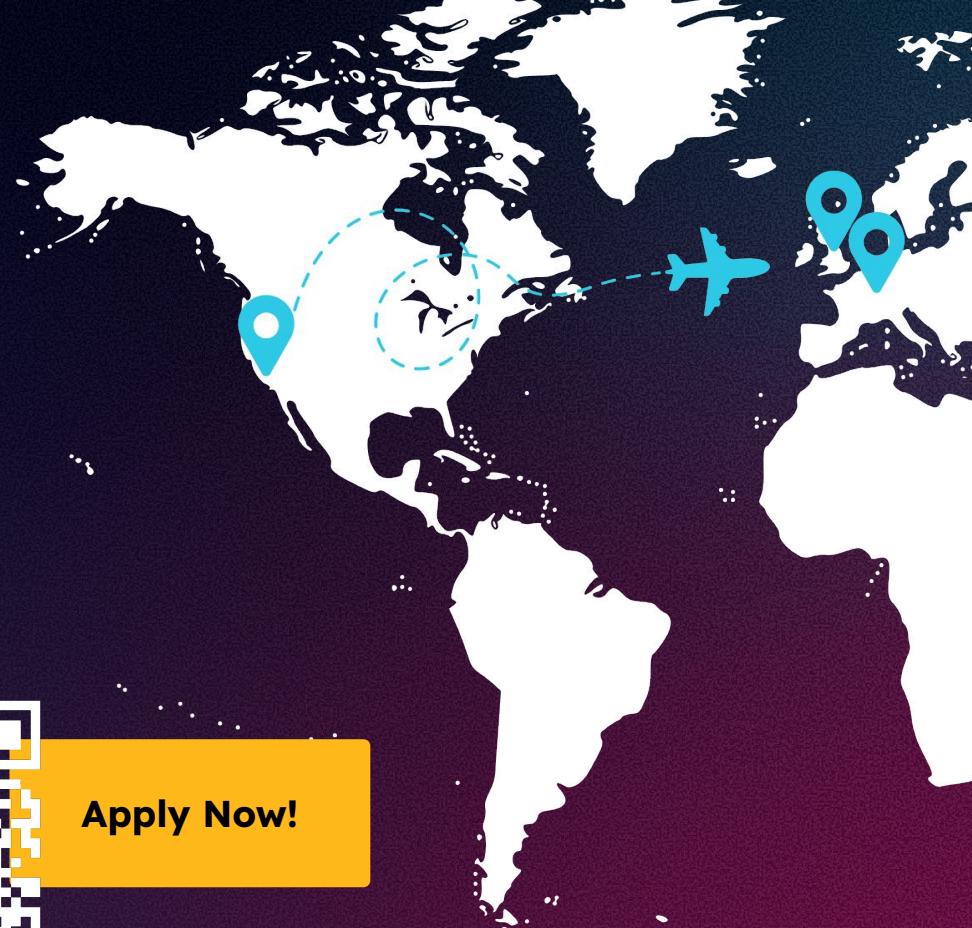
Online



Secret Locations



Apply Now!

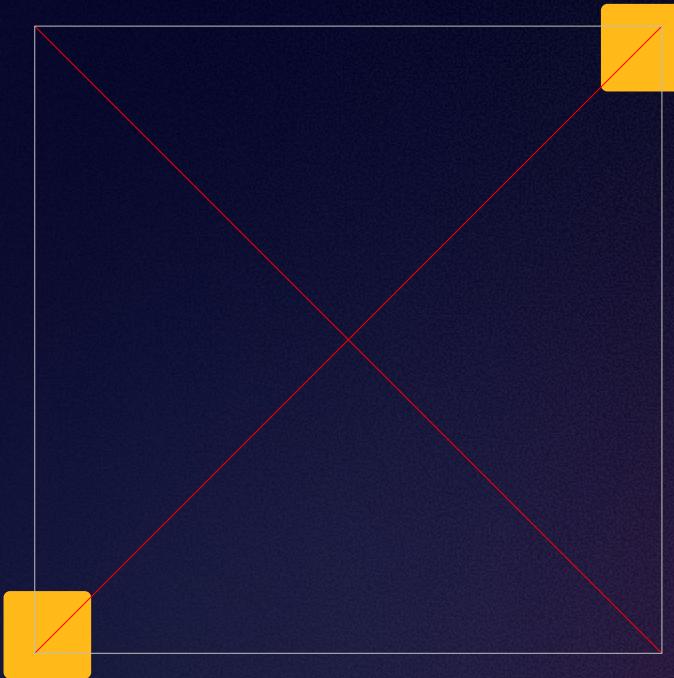


Reachy at SensAI Hacks



Object Detection Kits

Zero-Shot Object
Detection Kit via NVIDIA



Custom Model Object
Detection via Roboflow



AI Capabilities Workbench

- ▶ Image to 3D (*Stability.ai*)
- ▶ Image to Image (*OpenAI*)
- ▶ Image to Text (*Gemini, NVIDIA, Groq, aws*)
- ▶ Object Detection (*Gemini, Roboflow, YOLO, aws*)
- ▶ Text to Image (*OpenAI, aws*)
- ▶ Text to Speech (*OpenAI, aws*)



∞ Meta Horizon

Meta Horizon Start Developer Competition 2025

\$1.5M in prizes.

Enter to win. Conditions apply.
Ends Dec 9.



JOINING META'S \$1.5M COMPETITION? LET'S HACK, CAMP & SUBMIT TOGETHER!



Join other workshops in this series

Prep Workshop Series # 3 Meta Horizon Start Developer Competition

- Spatial SDK
- Immersive Web SDK
- Spatial Editor
- Office Hours

📍 Online

PRIZE POOL
\$1.5 M
ACROSS 17 TRACKS



WEDNESDAY, NOVEMBER 19TH - 10:00 AM PT



Register here!

Primary Track

Creative Zenith

Best of Creative XR

Primary Track

Virtuous Reality

Best of Social Good and XR

Primary Track

AI Horizons

Best Use of AI with XR

Primary Track

Game Changer

Best of Gaming in XR

All Primary Track Winners

Up to 4 Quest 2's



Bonus Primary Track

Wild West

Thinking Outside the Box

All Primary Track Winners



3-Day All Access Passes

Overview

Hacking

Judging Tracks

Sidequests

Schedule



Sidequests

In addition to hacking, there are other activities and events going on for our hackers

Sidequests

In addition to hacking, there are other activities and events going on for our hackers

Beat Saber Tournament

in partnership with



Sidequests

In addition to hacking, there are other activities and events going on for our hackers

Campus Tour!

Sidequests

In addition to hacking, there are other activities and events going on for our hackers

Spikeball and Field Games!

Sidequests

In addition to hacking, there are other activities and events going on for our hackers

Anime Watch Party!

Sidequests

In addition to hacking, there are other activities and events going on for our hackers

Giant Poker!

Sidequests

In addition to hacking, there are other activities and events going on for our hackers

Collegiate Meetup

in partnership with



Overview

Hacking

Judging Tracks

Sidequests

Schedule



Friday, November 14

7pm

Opening Ceremony

Hewlett 200

8:15pm

Team Formation

Huang Foyer

9pm

Hacking Begins

Huang Basement

Friday, November 14

9:30pm

**Team Formation and
Equipment Requests Due**

9:45pm

Hardware Checkout
HP Garage (Basement)

Saturday, November 15

11am

Brunch

Huang Basement

11am-8pm

Beat Saber Qualifiers

Huang Basement

12pm

Campus Tour

Engineering Quad Lawn

Saturday, November 15

1pm

ICXR Meetup

Huang Foyer

3pm

Field Hour

Engineering Quad Lawn

5pm

Giant Poker

Huang Foyer

Saturday, November 15

6pm

Dinner

Huang Basement

8pm

Anime Watch Party

Huang 305 (3rd Floor)

9pm

Study Break

Huang Basement

Sunday, November 16

9am

“Pencils Down”

Huang Basement

10am

Judging

Huang Basement

12pm

Lunch

Huang Basement

Sunday, November 16

12pm

Hardware Return
HP Garage (Basement)

1pm

Beat Saber Finals
Hewlett 200

2pm

Closing Ceremony
Hewlett 200

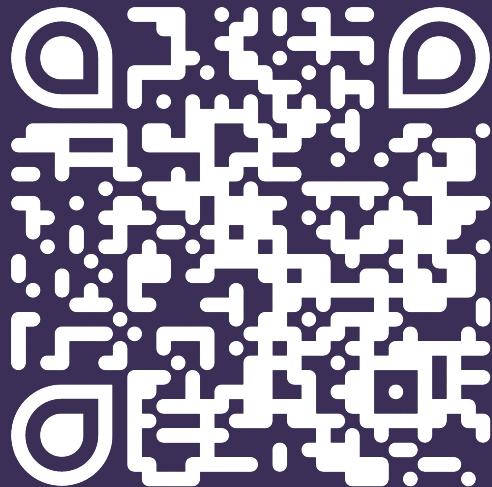
Sunday, November 16

3pm

Expo/Networking

Huang Basement

What now?



Fill this Team formation form by 9:30

Questions?

Ask us on Discord

Meet us at Mission Control

Find someone with a pink lanyard

IMMERSE THE BAY

November 14-16, 2025