



# HackDavis

//create for social good\_



Student Programming Fund Presentation  
March 7, 2025

©2025 HackDavis. All rights reserved.

What happens when you put  
computer science, **biology**, **education**,  
and **economics** majors in a room  
together for 24 hours?



©2025 HackDavis. All rights reserved.

## They create PatientSim AI!

Simulating patient interactions with AI to train clinical reasoning, improve medical education, and build skills for practical application.



©2025 HackDavis. All rights reserved.



## WHO ARE WE?

HackDavis is UC Davis' student-run annual collegiate hackathon, empowering students to **create for social good**.

We're one of the largest hackathons in California, with over 900 students submitting 167 projects to compete for \$20k in prizes in 2024!

Oh and did we mention, HackDavis is **completely free to attend!**

©2025 HackDavis. All rights reserved.



## WHAT SETS US APART?

In an age where innovation chases profit, we want to channel student creativity towards creating lasting impact, **planting the seed of social good.**

Every year, we partner with **501(c)(3) non-profit organizations and campus units** that are on the frontlines of solving social issues, encouraging students to build solutions tailored to their needs and give back to the local community.

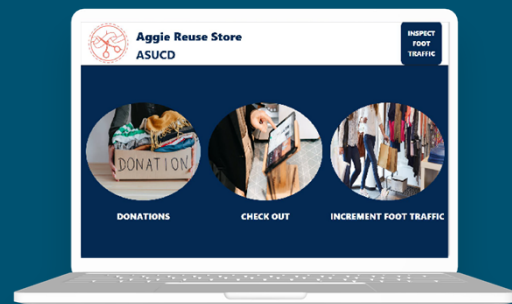
©2025 HackDavis. All rights reserved.

## IMPROVING INVENTORY MANAGEMENT FOR AGGIE REUSE



This HackDavis 2023 project was utilized by the Aggie Reuse Store for 2 years, enabling them to:

- Efficiently, automatically track inventory, removing 100% manual errors.
- Maximize their limited operational resources with data-driven decisions.



<https://aggiereuse.vercel.app/>



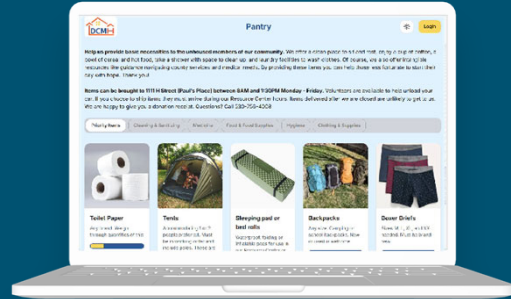
©2025 HackDavis. All rights reserved.

# HELPING UNHOUSED COMMUNITY MEMBERS ACCESS LOCAL PANTRY



This HackDavis 2024 project is currently being used by Davis Community Meals & Housing to

- Increase access to basic necessities within our community
- Incentivize donations by showing donors real-time inventory needs
- Effectively process and manage donations



[pantry.daviscommunitymeals.org](http://pantry.daviscommunitymeals.org)



©2025 HackDavis. All rights reserved.

# HELPING UC DAVIS STUDENTS HELP CALIFORNIA

This year, we are partnering with

**California Government Operations Agency** to tackle emergency management with a focus on improving responses to disasters like the recent LA fires,

**Yolo County chapter of NAMI** to support mental health awareness and access to care in the area,

and more!



Past partners include...



©2025 HackDavis. All rights reserved.

## LOWERING BARRIERS TO ENTRY FOR ACCESSIBILITY

**Hackdavis is open to all students** – across all majors and academic levels (undergrad to PhD)!

**No barriers to entry** – unlike other hackathons or clubs, we do not restrict by major restrictions, charge fees or require essay questions that can deter potential participants from applying.

**Zero cost since 2016** – we provide our participants with all meals and essentials, including WiFi, snacks, drinks, and more– so they can focus on their projects.

**55** Unique Majors Across All 4 Undergraduate Colleges

**39%** Participants are non-STEM majors

©2025 HackDavis. All rights reserved.



## FOSTERING DIVERSITY, EQUITY, & INCLUSION IN TECHNOLOGY

At HackDavis, we offer:

- **Technical Workshops** teaching essential coding, design, and development skills.
- **Imposter Syndrome Workshops** providing confidence-building strategies.
- **Underrepresented Communities in Tech** and **Women in Tech Workshops** exploring pathways to greater inclusion.
- **Industry Mentors** offering personalized guidance and hands-on support throughout the event.

**40%** Female or Nonbinary Participants

**111** Industry Mentors and Judges from Diverse Fields

©2025 HackDavis. All rights reserved.



## ENCOURAGING INNOVATION FROM STUDENTS IN ALL FIELDS

Our diverse project tracks encourage

- **newcomers in tech** with no prior experience — Beginner Hack.
- collaboration across **diverse fields** to solve complex problems — Interdisciplinary Hack.
- collaboration with **graduate students** from the UCD School of Medicine — MedTech Hack.
- **non-STEM students** to bring their unique perspectives to tech solutions — Social Justice Hack.

**46** Graduate & Professional School Participants

**65%** First-time Hackathon Participants

©2025 HackDavis. All rights reserved.



## COSAF SPF FUNDING WILL HELP US OVERCOME KEY CHALLENGES

### Serving 1,000+ students

- 15% growth year-over-year leads to increased costs.

### Insufficient Campus Infrastructure

- The U Center has insufficient infrastructure for WiFi + Power to support 1000+ students.
- Over the last 4 years, costs of power and wifi have risen by 150% and 450% respectively.

### No safety net for emergency funds

- We are dipping into our emergency funds this year, with a \$0 safety net for our 10 year anniversary – HackDavis 2026.

©2025 HackDavis. All rights reserved.





## PROJECTED DISTRIBUTION AND GOALS

We are requesting **\$35,000** to help fund HackDavis 2026.

This amount will cover a portion of our most vital expenses, providing the stability required to plan the event and raise funds from corporate sponsors and donors.

**\$10,000**

Venue (3 Days)

U Center

ARC Ballrooms A&B

**\$10,000**

Food

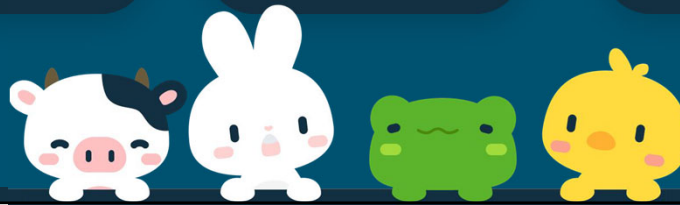
Saturday Lunch/Dinner

Sunday  
Breakfast/Lunch

**\$15,000**

WiFi and Power

Providing necessary  
infrastructure



©2025 HackDavis. All rights reserved.

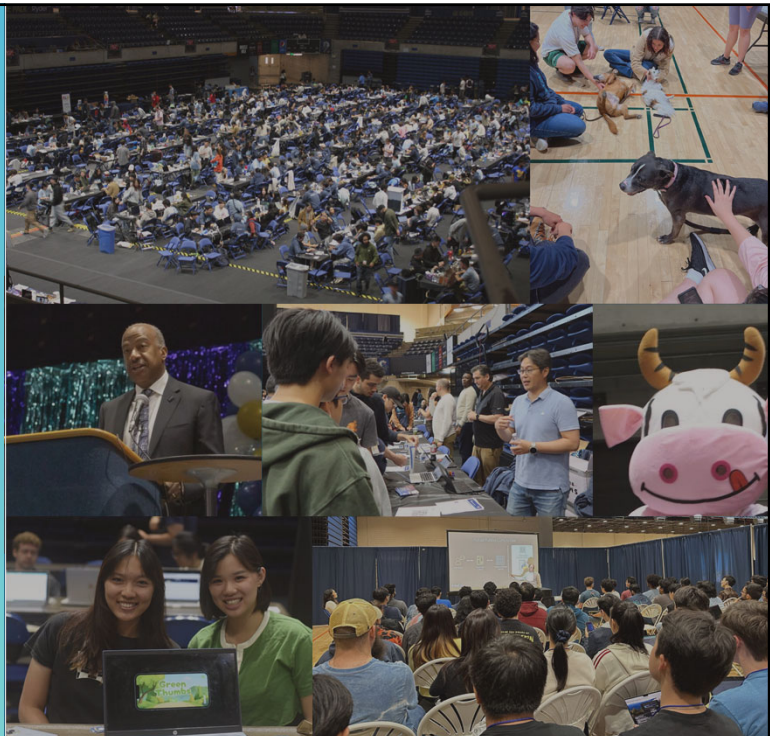
A light blue graphic with a white cloud, musical notes, and the HackDavis mascots (cow, rabbit, frog, chick) at the bottom left. The text includes a thank you message, the website URL, and social media handles.

// thank you\_

[hackdavis.io](https://hackdavis.io)

[@hackdavis](https://www.instagram.com/hackdavis)

©2025 HackDavis. All rights reserved.



APPENDIX

## PAST EVENT STATISTICS

While our participant growth is 15% YoY on average, our cost per participant grows in line with inflation. Increased event expenses are tied to the ever-increasing number of students we impact, with these extra funds directly improving the HackDavis experience.

	2022	2023	2024
<b>Total Participants*</b>	824	988 (20% Growth YoY)	1,097 (11% Growth YoY)
<b>Submissions</b>	100	120	167
<b>Total Cost**</b>	\$55,579	\$68,409	\$82,401
<b>Cost Per Participant</b>	\$67	\$69 (3% Growth YoY)	\$75 (8% Growth YoY)

\* Total Participants indicates the number of active participants that check-in and engage in *at least* one event activity.

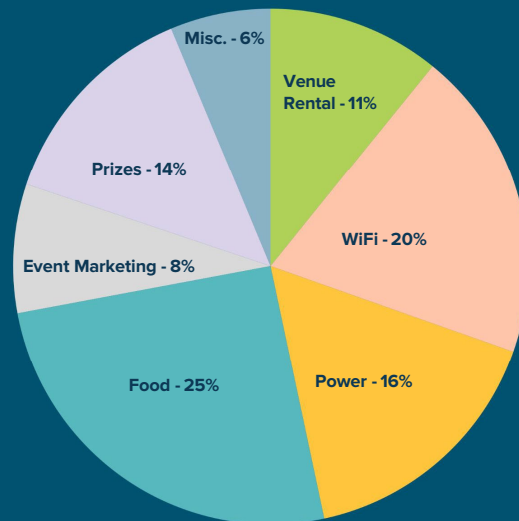
\*\* Total Cost does not include \$7k/yr of operational expenses required to maintain HackDavis technical infrastructure, annual filing fees, and post-event logistics support.

APPENDIX

## 2026

### Proposed Event Budget

# \$94k



©2025 HackDavis. All rights reserved.



APPENDIX

## RECOGNITION FROM COMMUNITY PARTNERS AND PUBLIC OFFICIALS

HackDavis was a dynamic and exciting event that brought together bright ideas, smart hackers and motivated students to do great things... I met some great students there and will long remember fondly my experience.

**CRAIG PERRIN**  
**AMERICAN WILD HORSE CAMPAIGN**

In honor of your service to the University of California, Davis, its students, and collegiate hackers around the world. I commend you for your excellent work, and wish you continued success in the years to come.

**DIANNE FEINSTEIN**  
**LATE US SENATOR FOR CALIFORNIA**

The complexity and scope of HackDavis was bigger than anything I've seen. The projects I saw were truly inspiring, so thank you... for creating an environment where these ideas can be brought to life by students who care.

**KAITLYN BATHKE**  
**HABITAT FOR HUMANITY GREATER SACRAMENTO**



APPENDIX

## WE ARE HACKDAVIS

**Largest** Hackathon for Social Good

**Accessible** to All Backgrounds

**Beginner-Friendly** Environment

**Community** Driven

