



HackCooper.org | hosted by create@cooper | create@cooper.edu

About

[HackCooper](http://HackCooper.org) is Cooper Union's student hackathon, run by create@cooper. On October 7th 2017, 300 makers and hackers will join us for 24 hours of work and fun in a unique environment, just as they did in the years past. Our first three hackathons were resounding successes, distinguished by our lively East Village location, imaginative hardware and software hacks, and a creative atmosphere consisting of students from our Engineering, Art and Architecture schools and other schools across the country. Students will have the opportunity to hack on web, mobile, and hardware applications, with all the resources of a premiere design and engineering school at their fingertips!

HackCooper is differentiated from other student hackathons by our unique hacker population. 98% of our hackers have expertise in software engineering and 83% are experienced with the rarely-explored "other side" of hackathons: hardware hacks that integrate software into our physical world. Through our presence as an inherently interdisciplinary institution, we offer our hackers our tools and expertise to develop a hack that they wouldn't be able to make in any other environment. To cater to the specific interests of our cohort of hackers, during HackCooper2016, we offered our hackers 3D Printers, Laser Cutters and an Electronics Lab alongside veteran technical staff to bring their ideas into physical reality.

Where

The Cooper Union @ [41 Cooper Square, New York, NY 10003](https://www.cooper.edu/location/address)

When

October 7-8th, starting at 4:00 PM ending at 4:00 PM

Who

We expect 300 amazing undergraduates with backgrounds in engineering, art, and design. Last year, we received over 1000 applications to attend HackCooper and, after a selective admissions process, we had over 300 hackers walk through our doors on our opening day.

Why we want you

We want you to be a part of HackCooper because we know you will add value to the event. In addition to monetary support, you can help by:

1. sending members of your tech team to be ambassadors or mentors
2. sending a member of your tech team to give a tech talk or workshop
3. making HackCooper memorable by giving hackers branded swag
4. helping us surprise hackers with items on our wish list

How you can get involved (negotiable)

| | \$1000 | \$1500 | \$2500 | \$5000 |
|------------------------------------|--------|--------|--------|--------|
| thanked at kickoff and awards | x | x | x | x |
| logos on online and print material | x | x | x | x |
| distribute company swag | x | x | x | x |
| send mentors | x | x | x | x |
| display company banner | x | x | x | x |
| access to resume drop | | x | x | x |
| tech talk | | x | x | x |
| sponsor table | | 1/2 | x | x |
| send recruiters | | | x | x |
| keynote talk @ kickoff | | | | x |
| sponsored prize | | | | x |

In years past, we've had a variety of sponsors spanning several disciplines and industries. With this variety comes variety in goals, therefore we can tailor a specific package based on your specific requests (and we have often done this in the past). We have also had nontechnical sponsors that support HackCooper through various other pathways (food sponsors, activity sponsors, etc.)

Mentoring

We are looking for ambassadors, developer evangelists, or other mentors with a technical background who can represent your company while helping teams with technical issues. Ambassadors can help teams work with your own APIs and products as well as provide technical advice. Mentors at hackathons help teams refine ideas and guide project development, and are an integral part of hacking culture.

Mentors circulate around the hackathon, spread their expertise and push their set of tools. Mentors and their headshots will be posted on a central billboard complete with their own “Wanted” poster including their availability so that hackers can request scheduled mentoring (as a supplement to the freeform mentoring available throughout the hackathon).

Tech Talks and Workshops

Tech talks serve as a platform for sprouting creativity by introducing new technologies and possibilities to students. Topics can range from the basics, such as building a web page, to the domain-specific, such as using an API, but the goal is teach a broad range of hackers a technology or skill they may have not been exposed to before.

Suggestions

- Tools of Data Science
- The Power of XXX API
- Git: A Hacker’s Best Friend
- Python: A powerful, yet easy-to-learn language
- Intro to language X
- Your first chatbot
- 3D design and fabrication
- Real-time communication with socket.io
- An awesome topic you know about!

Sponsored Prizes (designated by \$5k corporate sponsors)

API-driven Prize: Engage hackers. API-driven prizes encourage hackers to use specific APIs, turning ordinary (but really cool) hacks into robust and elegant projects. These prizes also inspire new and unique uses for your pre-existing technology.

Value-driven Prize: Drive hackers. Value-driven prizes motivate hackers to hack with a purpose. Convey your company’s key values and create a subcommunity of hackers focused on a single theme.

Examples

- Best Social Hack
- Best Health Hack
- Best Environmental Hack
- Best Internet of Things Hack
- Most Innovative Hack

- Most Connective Hack
- Most Artistic Hack

Wish List

Midnight Snacks: midnight snacks, like cookies, ice cream, or pizza, always give hackers an extra push just when they need it. We would love to have a midnight snack event like "Midnight Pizza presented by [you]!" to give participants a boost at the halfway mark.

Bags: hackers are going to be getting lots of swag, and high quality, branded bags would be perfect for bringing it back to their schools.

Interested in becoming a sponsor?

Contact us at create@cooper.edu for more information