



MHacks 16

Hacker Handbook

Welcome to MHacks!
Nov 18-19, 2023
University of Michigan, Ann Arbor

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Note From the MHacks Team

Hey Hackers!

We cannot wait to have you at MHacks I6! Our team is ecstatic to bring MHacks back in-person. As we gear up for MHacks, we want to ensure that your experience at MHacks is unforgettable. You'll find all the information you need about navigating the venue and the plethora of activities we have planned for you here. Be sure to [read the entire document](#).

MHacks is not just a hackathon; it's a celebration of innovation, creativity, and collaboration. Whether this is your first hackathon or you're a seasoned hacker, MHacks offers a platform for everyone to learn, grow, and transform ideas into reality. Our community, composed of supportive sponsors, dedicated mentors, and enthusiastic volunteers, is here to help you every step of the way.

What truly sets MHacks apart is you — our hackers. Each one of you brings unique perspectives and ideas to the table. It's your passion for technology, your drive to innovate, and your spirit of collaboration that make MHacks a breeding ground for extraordinary projects and breakthroughs. Whether you're joining us with a team or looking to form one at the event, the fusion of diverse minds is where the magic happens.

Thank you for being a part of MHacks I6. Your participation is what fuels our ambition to make this event better each year. We are counting down the days to witness the incredible things you will create. Let's make MHacks I6 a phenomenal experience for all!

See you soon!

MHacks Organizing Team

General information

Event Links

`const string coming_soon = "available when hacking begins";`

- **Live site:** `coming_soon;`
- **Slack:** [Join here](#)
- **Devpost:** `coming_soon;`

Contact Information

If problems ever arise, please take the following actions:

For communication with sponsors, mentors, other hackers, and general questions: Use the corresponding slack channels :)

Help desk: Some members of The MHacks Team will be at the help desk located at the Central Collaboration Area of the Duderstadt Center. Feel free to ask any questions!

Emergencies: If you are experiencing a true emergency, please contact:

- Emergency services: 911
- U-M Division of Public Safety and Security (DPSS): (734) 763-1131

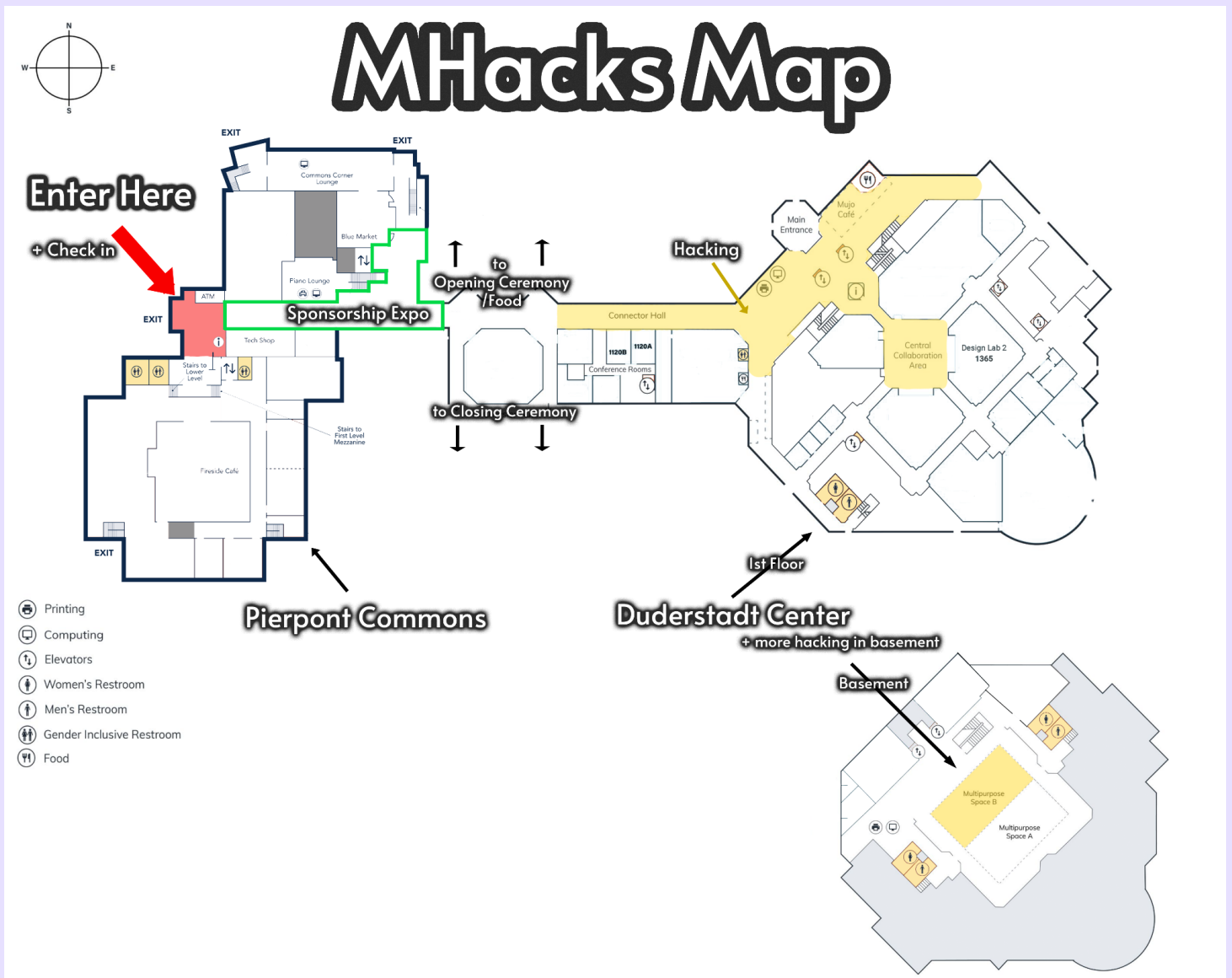
and alert someone on the MHacks Team if possible.

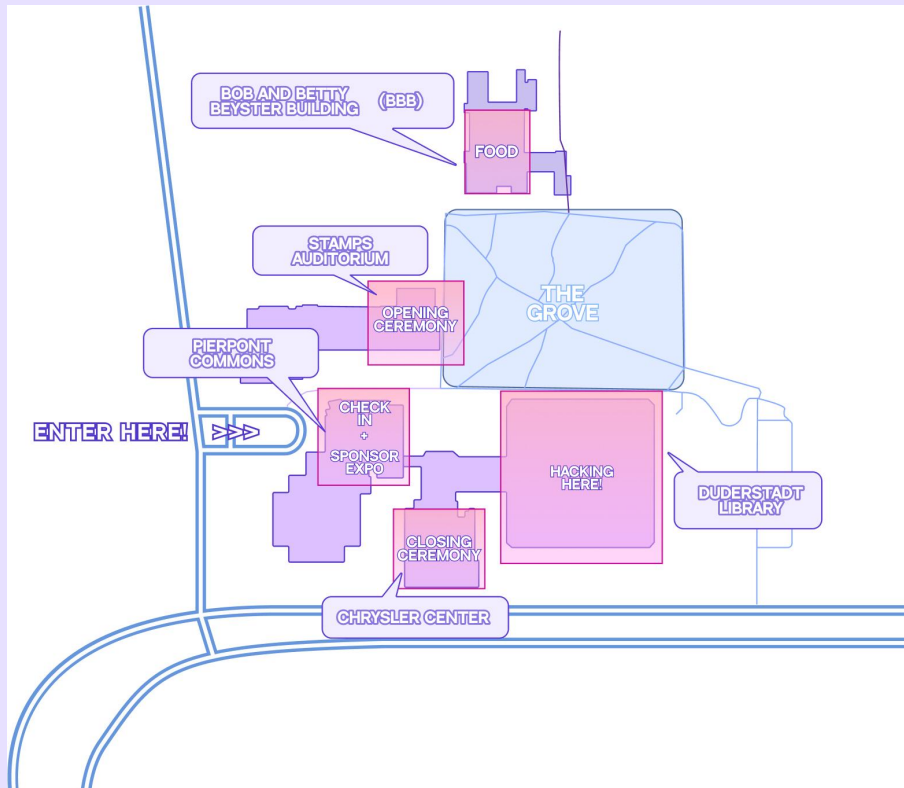
Map and Addresses

Pierpont Commons: [2101 Bonisteel Blvd, Ann Arbor, MI 48109](#)

Duderstadt Center: [2281 Bonisteel Blvd, Ann Arbor, MI 48109](#)

Stamps Auditorium: [Walgreen Drama Center, 1226 Murfin Ave, Ann Arbor, MI 48109](#)





Schedule

18th November (Saturday)

Checkin & Sponsor Expo Setup [9:00am – 10:00am] Duderstadt Center

Opening Ceremony [10:00am – 11:00am] Stamps Auditorium

Team Formation [11:30am – 12:30pm] Duderstadt Center

Sponsor Exposition [12:00pm – 6:00pm] Pierpont Commons

Hacking [Sat, 11:30am – Sun, 11:30am] Duderstadt Center

Lunch [12:30pm – 1:30pm] Bob and Betty Beyster Building Atrium, Subs, Chips, and Cookies

Workshops [2:00pm – 1:00am] Design Studio 2, Duderstadt Center

Dinner [7:00pm – 8:00pm] Bob and Betty Beyster Building Atrium, Pizza

19th November (Sunday)

Brunch [10:00am – 12:00pm] Bob and Betty Beyster Building Atrium, Panera Breakfast Sandwiches

Projects Due [11:30am] Duderstadt Center

Judging [12:30 – 2:30 pm] Duderstadt Center

Closing Ceremony [2:30pm – 4:30pm] Chrysler 220

Workshops

Notion: Organization with Notion	2PM
Telora: How to start a startup	3 PM
Uber: How to Overcome Imposter Syndrome in the Recruitment Process: So you can ace the interview, land the job and enjoy your career.	4 PM
Warp: How to become a 10x developer using the terminal	5 PM
Jam.dev: How to start a company, raise a million dollars and get your first 1,000 users?	6 PM
Michigan Data Science Team: Intro to Large Language Models	9 PM
Michigan Hackers: Intro to Web Dev	10 PM
College Dao: Intro to Blockchain and On-chain Data	11 PM
Tour.Video (YC S21): 0 to 1 for startups	12 AM

Hacker Checklist

It's not mandatory to stay overnight. Feel free to find your own sleeping arrangements if you want! We are not reimbursing any hotel, travel, or overnight expenses this year. Regardless, we recommend bringing these items :)

- ☐ Laptop + Charger
- ☐ Headphones
- ☐ Refillable water bottle
- ☐ If you're planning to stay the night, you can also bring:
 - ☐ Sleeping bag/blanket/pillows
 - ☐ Toothbrush + toothpaste
 - ☐ Spare change of clothes
 - ☒ Deodorant

Hacking 101

Themes:

Hackers are required to build under one of the five themes:

1. ML/AI
2. Entertainment
3. Cybersecurity
4. Game Dev
5. Hardware

Other tracks are sponsored by companies. We encourage our hackers to submit projects under one of the themes as well as other company tracks. We will also be awarding prizes for 1st, 2nd, and 3rd overall. More details on company tracks will be provided soon and published on our Devpost.

Rules:

1. Every hacker must be registered to participate
 - a. Team can be anywhere from 1-4 people
 - b. If you don't have a team, find one in the #team-formation slack channel or in our team formation event after the opening ceremony.
 - c. Add your teammates to the Devpost before submitting
2. You must abide by the **MLH Code of Conduct**. This applies to both in-person interactions and those online/on Slack
3. Any hateful or toxic messages (deemed so by members of the MHacks team) will not be tolerated and will result in expulsion from the event

Judging

Rules for Submitting to Devpost:

All project submissions must be made through Devpost. Ensure that your submission includes all required details, such as a project description and table number, and any additional materials requested. Make sure your submission includes your teammates. Familiarize yourself with the [MLH Code of Conduct](#) and adhere to it throughout the hackathon.

Where and When is Judging?

Judging will take place on-site at the Duderstadt Center on Sunday, November 19, from 12:30-2:00 pm. Be punctual in submitting your projects on Devpost before the deadline, else they won't be considered during the evaluation process.

During the time slot from 12:30 to 2:00 pm, every participating team will be allocated a **three-minute** window to present their ideas to our diverse panel of judges. Projects may be judged multiple times by different judges, so be on top of your game!

Simultaneously, sponsors from the company tracks will be conducting evaluations of projects. This parallel process ensures that each team has the opportunity to pitch their innovation directly to the main judging panel, while the company track sponsors focus on assessing projects based on their specific perspectives and criteria.

What Should Hackers Prepare?

Project Demonstration: Prepare a concise demo of your project. Showcase its key features and functionality.

Pitch Presentation: Craft a compelling 3-min pitch that highlights the problem your project solves, its unique features, and potential impact.

Q&A Readiness: Anticipate questions from the judges and be prepared to provide insightful answers regarding your project's development process, challenges faced, and future plans.

Judging Process:

Pitch Sessions: Each team will have a dedicated time slot (3-min) to present their project to the judging panel. Projects may be judged multiple times by different judges. During this time, teams should effectively communicate their project's value proposition.

Q&A Session: Judges may ask questions to gain a deeper understanding of the project's technical aspects, creativity, and potential impact.

Scoring: Judges will use predefined criteria to score each project based on factors such as innovation, technical complexity, usability, and presentation quality.

Mentoring

Slack is the main form of communication with the mentors. Here is where you will be able to create issues and ask the mentors for help.

To interact and connect with mentors, please be active on the

#ask-mentors

channel. This channel is regulated by a bot so that messages can only be initiated with the /askmentors command and be of the form:

@Hacker has requested a mentor

Table: [TABLE NUMBER]

Issue: [ISSUE]

For any follow up questions, you can reply in thread by hovering over the message and selecting the Reply In Thread button shown below:



From there, the mentor and you can coordinate to either get the answer to your question in Slack if it is quick, or have them head to your table to assist you further in person.

Join the slack with this link: [JOIN HERE](#)

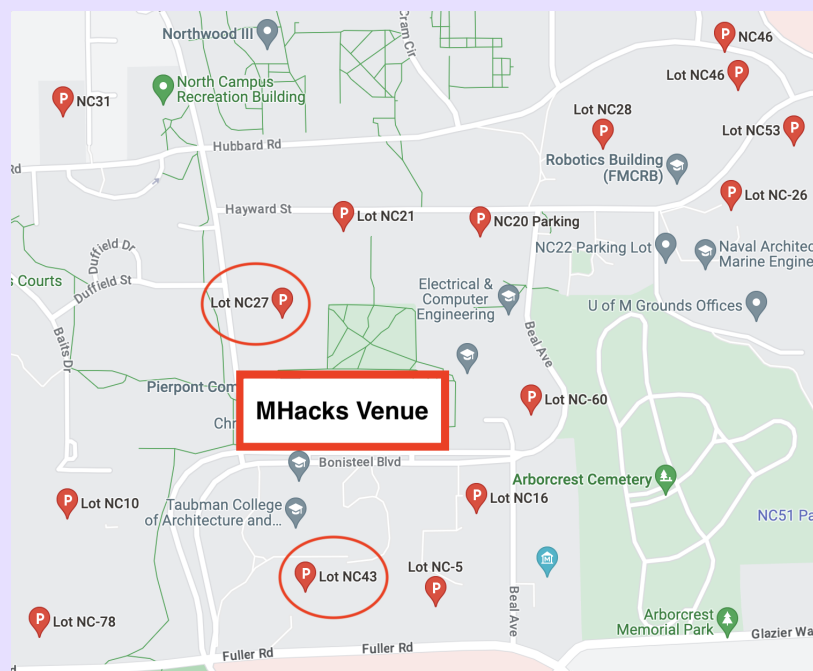
Transportation

From DTW Airport

The best way to get from DTW to Ann Arbor is by the [Michigan Flyer](#). It runs many times a day and costs \$15. Rideshare and taxis are also readily available.

Parking

There is lots of parking available around the hackathon venue on North Campus. We have a shortcode that will make parking FREE for you and charge the MHacks account. Locations and steps to use this are below:



We highly recommend Lot NC27 or Lot NC43, as they are the closest to the buildings that MHacks takes place in: Pierpont Commons and the Duderstadt Center. Spots are first come, first serve, and steps are as

follows. ***Please do not share this with anyone, as it will allow them to charge our account without our permission:***

1. At the machine, enter the number of your parking space & hit OK
2. Select 1 for Purchase Time and 2 for Code Parking
3. Enter number of hours & hit OK
4. Enter M0555 (our MHacks shortcode) & hit OK
5. Take the receipt
6. Use code M0555 at the machine to make a payment

Parking Addresses:

1. Lot NC27: 1300 Murfin Ave, Ann Arbor
2. Lot NC43: 2109 Fuller Rd, Ann Arbor