



Challenges

Level up your skills and your experience points by completing challenges. The challenges will vary in difficulty and category, but all will take you on a quest to learn something new!



Registration

Complete our registration challenges to make sure you're ready for a jam-packed week of Learning.

Register for LHD: Learn 2022

Begin your journey by getting registered at hackp.ac/learn2022! Check to make sure you're signed up to start the adventure.

Update your Address

Head to hackp.ac/Address to make sure we have an updated address so we can send you swag! Any LHD: Learn participants with an address submitted to us will earn an experience point!

Join the MLH Community Discord

Discord is our communication platform during all things Local Hack Day. This is where you'll ask questions, chat with other hackers, and hang out with the community. Fill out discord.mlh.io and you're good to go! If you're not familiar with Discord, make sure to follow the steps in #0 -get-started!

Fill out the LHD: Learn 2022 Swag Form

We want to send you some amazing swag, so head to hackp.ac/LearnSwag to ensure you're able to rep LHD long after Learn ends.

Join a Guild

Don't go on this adventure alone, join a guild! These are a place to meet other hackers, and we'll have challenges you can complete with your guildmates. Head to #lhd-learn-looking-for-guild or #lhd-learn-join-my-guild to find your hacker family. Then

head to discord.mlh.io to choose your guild.

Referral

We want you to share LHD: Learn with your community! Just have them fill out hackp.ac/LearnReferrals after they've registered for LHD: Learn. Each attendee can only be referred by one individual.

Subscribe to the MLH Hacker Newsletter

MLH sends out a hacker newsletter every two weeks to let you know about awesome events, upcoming prize competitions, resources, and more! At the bottom of any LHD: Learn emails, you'll see links to sign up for our newsletters!

Claim your free Twilio credit and explore the platform

Sign-up for a Twilio account at hackp.ac/LHDLearn-Twilio and get \$50 free credit! Submit a screenshot showing that you claimed it at on the [week-long form](#).

Sign up for Coil and redeem your free credits!

Did you know that you could tip other web developers and content creators using Coil? Get your free credits at hackp.ac/coil. Submit a screenshot showing that you claimed it at on the [Week-long Form](#).

Sign up for a free month of Replit Hacker

Head to <https://hackp.ac/LHDLearn-Replit> and claim your free month of their "hacker" tier! Free for first 1,000 Hackers! Submit a screenshot showing that you claimed it at on the [week-long form](#).

Register for Local Hack Day Build

If you're enjoying LHD: Learn, you'll love LHD: Build coming up in January. To earn these points, just register [here](#).

Register for Local Hack Day: Share

Don't forget to let us know you're coming to LHD: Share, which is our celebration of all things hacking and our wrap-up of the LHD Season. For these points, just register for the event [here](#).

Registered for Upcoming Hosted by MLH Events

Did you know we host our own MLH hackathons every single weekend? Sign up for some of our [upcoming hosted by MLH Hackathons](#) here so the fun doesn't end at LHD: Learn!

[Repeatable!] Check In Daily

Each and every day, you can earn experience points by checking in (this is also how you'll earn your bonus swag!). It's as simple as that! You can easily access our check in pages [here](#).

Daily

Daily challenges change every single day to make sure you always have something new to tackle. When you have a few moments between the workshops and live sessions you're attending, pick one (or a few!) of these out to complete. Take a look at today's challenges now!

Learn From Another hacker

Learning is more fun on a team! Meet up with a hacker (in your guild or in another guild!) to each tell each other about something you learned this week or are passionate about.

Tell us what you learned on the

Learn how to use Data

Why not take a break from your day to day grind? Your project doesn't need to be complex - we just want you to try working with data! Submit on the [Day 5 Devpost](#) when you're ready!

Learn about Fintech

Fintech is growing quickly, and we know hackers are excited to explore this space. Build any finance application and show it to us on the [Day 5 Devpost](#). It could help you plan for making a big purchase, budget your

monthly expense, or teach the

[Day 5 Form.](#)

user how to invest.

Learn Ruby on Rails

MLH's CEO Swift loves Ruby and we're pretty sure you will too. Ruby on Rails powers a ton of awesome webapps (including lots of internal MLH apps). Get started learning this framework and submit on our [Day 5 Devpost](#).

Learn how to create Art

Generative art continues to become more and more popular, so we want you to try it out yourself. Create any piece of art with technology and show it off on [Day 5 Devpost](#).

Create a Medical Hack

There is so much innovation happening in the medical world, and hackers are always coming up with new ideas to improve medical experiences. You could create a smart pill dispenser or an app that helps with a medical diagnosis. Don't let us limit you though. Submit your hack on our [Day 5 Devpost!](#)

Enable GitHub discussions on one of your repositories and answer a question on someone else's repository

Help a hacker in need by heading over to their repository with GitHub discussions enabled and answer one of their questions. Make sure to enable GitHub discussions on one of your repositories as well and send us a screenshot on the [Day 5 Form](#).

Play the TwilioQuest SendGrid mission

TwilioQuest is an educational video game designed to teach a new generation of developers how to change the world with code. To get started, launch TwilioQuest, start the "Twilio SendGrid: Ocean of Email" mission, reach 50% completion & [submit a screenshot](#).

Learn Python on Replit

Python is a popular programming language that can be extremely fun to use and beginner friendly. Learn how to make a savings calculator using Python on Replit! Follow along with this [awesome tutorial](#) by Maya Bello to complete this challenge! Submit [here](#).

Add an interledger payment pointer to monetize a web application.

You can start earning from your monetized website today! It's as easy as writing a single line of HTML. Check out how to do that at <https://hackp.ac/coil-medium>. Be sure to submit the link to your GitHub repository in our [Day 5 Devpost](#).

Design a new Outfit for Frankie

Our 2022 Hackathon Season mascot is looking for a new outfit! Design one for them, and send it in to our team. Submit it on [Day 5 Form](#) and don't forget to share it with the community on social media and tag us @mlhacks. Our favorite designs will earn themselves some bonus points!

Week-long

What's the rush? Take a chance on a week-long challenge! These range in more intricate or intensive hacks to hacks that we think are fun to do any day of the week. Make sure to take a scan through all of the awesome challenges you can come to!

All

Beginner

Sponsors

Web

Design

No Code

Follow MLH on Social Media

MLH has a thriving social media presence where we share information for hackers. You can follow us on [Instagram](#), [Twitter](#), [Facebook](#), or [LinkedIn](#) for a point each! Send us a screenshot after you follow on our [Week-Long Form](#).

[Repeatable!] Attend a Live Session

Check into any of our live sessions going on this week. MLHers will be completing LHD: Learn challenges live, so you'll be able to follow along with them. You'll earn a point for checking into the session itself, and an additional point for completing the challenge!

[Repeatable!] Attend a Mini-Event

Check in to any of our mini-events going on this week. You'll earn a point for checking into the session itself, and some mini-events will have bonus points for participating.

[Repeatable!] Attend an MLH Localhost Workshop

Check into any of our Localhost workshops going on this week. You can find the schedule right here. You'll earn a point for checking into the workshop itself, and an additional point for completing the quiz at the end of the presentation.

[Repeatable!] Livestream Yourself Completing a Challenge

Head to Twitch and livestream yourself completing any one of our daily or week-long challenges. Be sure to use the the hashtag #LocalHackDay! This challenge is repeatable **once** daily. Submit a screenshot on our [Week-Long Form](#)!

[Repeatable!] Post about LHD: Learn on Socials

Use #LocalHackDay and tag @mlhacks on your Twitter, Instagram, Facebook, and LinkedIn posts this week to earn points! This challenge is repeatable **once per platform** daily. If your post includes a photo, you could get reshared by MLH. Submit a screenshot on our [Week-Long Form](#)!

[Repeatable!] Create a demo video for one of your challenges

We want you to submit a 2 minute long "demo" video of your favorite hack or hacks you make at LHD. Your video should show us a demo of what you

built while you explain why you built it. We might play some of our favorite demos throughout the week. Submit a link to your demo on our [Week-Long Form](#).

Octocat Drawing Contest

Create your own version of the GitHub Octocat! Tweet your creation to @GitHubEducation and @MLHacks with the #MyOctocat and #LocalHackDay to show off your skills. Submit a link to your tweet on the [Week-Long Form](#).

Become part of the GitHub Global Campus

Join the GitHub Global Campus by applying for the GitHub Student Developer Pack! Send us a screenshot showing you applied on our [Week-Long Form](#)!

Build a Creative Twilio App for the

Complete the ASEAN Dev

Build a web monetized

Upcoming Holidays

Everyone wants to stay connected over the holidays! Whether it's with friends, family or even guildmates! Twilio wants you to build an application that helps people stay in touch during these special occasions. [Here's](#) a list of holidays to get you started. Submit your hack to our [Week-Long Devpost!](#)

Challenge

This challenge is aimed at uncovering Salesforce talent in the Asian SouthEast Asian Nation region. If you are located elsewhere, you can still participate! In this challenge, you'll learn how to build Apps on the Salesforce Platform. Start [here](#) and submit a screenshot of your certification [here](#).

application or website

Build an application or website that provides additional features for web-monetized users and deploy it to the internet! You can learn more about the web monetization API at [hackp.ac/coil-quickstart](#). Submit your hack to our [Week-Long Devpost](#).

Checkout Namestudio.com!

Visit [Namestudio.com](#) and search for your favorite .com domain name! Make sure you submit the domain name and a screenshot of your Namestudio.com search to our [Week-Long Form](#).

Host an Event with Your Guild

Guild Leaders, + Members, we want you to host events! You can host technical content, mini-events, or anything else. You and your Guild Members will get points for up to 4 events you host. To earn your points, email [lhd@mlh.io](#) a .csv with email in Column A and a unique event name in Column B.

Create a Mental Health App

Create an application to help folks stay healthy. This could be a mood tracker, database with mindfulness techniques, or an application that tracks symptoms. Submit your hack on our [Day 5 Devpost!](#)