



#NEEDFORSPEED HACKATHON

DETAILS

- April 7 & 8
- CIC Kendall Square
- \$10 Reg

PRIZES

- \$5,000 Grand Prize plus more in Swag and other Prizes!
- Free Food!
- New Friends!

CHALLENGES

- NEW! Pfizer Digital Medicine Challenge
- The Data Around Us
- Pop Health and Patient Engagement
- UX Pitch Competition

Calling all Designers, coders, engineers, hackers, makers, experts, and founders ...LET'S HACK!

Together on April 7 & 8, we will build innovative and fast applications that will showcase innovations in health IT and IoT. Over 24 hours, attendees will compete for \$10,000 in cash and prizes with access to free workshops, keynote speakers, and innovation sessions from our partners, Pfizer and DataCore Software.

This event is open to developers, entrepreneurs, marketers, and the “code-curious” as an opportunity to learn and compete!

Check it out at WWW.CMG.ORG/HACK for more challenge information and our Partnership Opportunities

WWW.CMG.ORG/HACK

Sponsors



PFIZER DIGITAL MEDICINE CHALLENGE

Early detection of respiratory tract infections can lead to timely diagnosis and treatment, which can result in better outcomes and reduce the likelihood of severe complications. Respiratory sounds carry rich information that can be mined to develop automated approaches for detection of sickness behaviors like coughing and sneezing. In this challenge, we invite you to build machine learning models for automatic detection of sickness sounds by using audio recordings from open datasets.

POP HEALTH AND PATIENT ENGAGEMENT

Technology has the power to connect patients and doctors, accelerate research, and bring data to life. What else can it do? How can AI, IoT devices and chatbots better serve the healthcare industry? Participants in this challenge should develop a solution that can improve population health or patient engagement.

THE DATA AROUND US

All around us, connected devices are collecting massive amounts of data. Whether it's from a car, drone, bot, cell phone, or thermostat, the data keeps coming. For this challenge, participants should apply AI, machine learning, and deep Learning techniques to utilize IoT data to solve a problem you are passionate about. Challengers may wish to use cloud computing, GPUs, blockchain, and high-performance computing to create a fast and secure solution.

UX PITCH COMPETITION

At the end of the first day, we will host a UX Pitch Competition where competitors will pitch their solutions and show off the UX and wireframes for their ideas for the chance to win a \$250 Gift Card. There will be a winner in each Overall Challenge Category.

PRIZES

Overall Challenges

Grand Prize - \$5000 Cash

Top of Each Category - \$1000 and CMG Memberships

Pfizer Challenge- \$500 and CMG Memberships or First Place and \$250 each for 2nd and 3rd place.

UX Pitch Competition

Top of Each Category - Each winning team member will receive a tech gadget valued at \$100 or more.

JUDGING

5 points - Execution How well executed is this solution from start to finish?

5 points - Creativity: How creative was the team in developing an innovative solution for the challenge?

5 points - Impact: Did the team create an application that can have a real and valuable impact?

5 points - Design: Was the UX/UI intuitive and appealing?

5 points - Performance and Scalability: How well did your solution perform? Includes speed, responsiveness, through-put, program correctness, etc. Is your solution scalable without minimal re-architecture, could it be scaled to a large number of concurrent users?

*See Website for Pfizer Criteria

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PARTNERSHIP OPPORTUNITIES

CHALLENGE SPONSOR

- \$5,000 (4 Available)
- Opportunity to host a challenge and prize
- 2 Minutes on Stage during Opening Ceremony
- A 30 minute deep-dive breakout session at hackathon
- Opportunity to select a winning team for your challenge and offer a custom prize.
- Supply a judge and mentors
- Table to display swag and meet with hackers

INNOVATION SESSION SPONSOR

- \$3,000
- Supply mentors during the hackathon weekend
- Host a 30-minute hands on innovation session giving participants the opportunity to utilize your technology offering.
- Table to display swag and meet with hackers

PRESENTING PARTNERSHIP

- \$10,000 (1 Available)
- Co-host Billing
- Opportunity to host a challenge and prize
- 5 Minutes on Stage during Opening Ceremony
- Supply a judge and technology mentors for hackathon participants
- A 1-hour deep-dive breakout session at hackathon
- Opportunity to select a winning team for your challenge and offer a custom prize.
- Host Innovation Session and Keynote Presentation during Hackathon

TRAVEL STIPEND SPONSOR

- \$5,000 (1 Available)
- 2 minutes on stage during opening ceremony
- Billing in all communications as "Travel Stipends Provided by"
- Supply Mentors during hackathon weekend
- Table to display swag and meet with hackers

GIVEAWAY SPONSOR

- \$2,000 or Donations*
- Opportunity to supply mentors during hackathon weekend.
- Host a prize giveaway at event, collecting names and contact information.
- *Ask us about specifics

MEAL AND SNACK SPONSOR

- \$1000 or Donate a Meal*
- Signage and online linked logo placement
- Opportunity to attend during participant meals
- Put something in goody bag or on tables during meals
- *Ask us about specifics

ALL PARTNERSHIPS INCLUDE

- Passes to the Hackathon for evangelists, staff, etc.
- Onsite branding and signage during the Hackathon
- Option to include item in Goody Bag
- Inclusion in pre-event and onsite marketing and advertising initiatives, including via email, web and social media as well as other promotional materials.

