



HACK(RPI);

Fall 2014 - Event Information

Welcome to HackRPI!

Please refer to this information packet throughout the weekend for important event information. For more announcements and information over the course of the event, follow us [@goHackRPI](#) on Twitter and check out <http://status.hackrpi.com> for updates as well.

Schedule

Doors open at noon! Here's when everything is happening:

Saturday

12:00 pm	Registration Begins
2:00 pm	Opening Ceremony
2:30 pm	Begin Hacking!
3:00 pm	Lunch
4:00 pm	CommerceHub Tech Talk
5:00 pm	Microsoft Tech Talk
5:30 pm	IBM Tech Talk #1
6:00 pm	TripAdvisor Tech Talk
7:00 pm	Tata Consultancy Services Tech Talk
8:00 pm	IBM Tech Talk #2
8:30 pm	Dinner - Sponsored by Apprenda

Sunday

12:00 am	Midnight Snacks!
2:00 am	Oreos and Milk - Sponsored by IBM
7:00 am	Breakfast
12:00 pm	Lunch
2:00 pm	Hacking Ends
2:15 pm	Start of Expo A
2:45 pm	Start of Expo B
3:30 pm	Final Judging & Closing Ceremony
4:00 pm	Time to say Goodbye, HackRPI

Tech Talks

Company	Time	Description
CommerceHub	4:30pm	Getting Your Second Job... and Valuable Skills to Acquire in your First Job
Microsoft	5:00 pm	Developing Cloud Enabled Applications using Azure Build a back-end for your game, mobile application or IoT device in a matter of moments. Learn about Azure mobile services for Windows, iOS and Android to power your app.
IBM	5:30 pm	Getting Starting with Bluemix for your Project We will look at the Bluemix Platform as a Service and give you pointers on how to get started with your HackRPI project. Please sign up for Bluemix at Bluemix.net .
TripAdvisor	6:00 pm	
Tata Consultancy Services	7:00 pm	
IBM	8:00 pm	Bluemix Q&A Session Bluemix Q&A session. Bring your questions about the Bluemix Platform as a service and get them answered.

Mentors

Need help with your code? Project guidance? Answers to life's questions? There will mentors around to assist you and try to answer your questions. You can summon a mentor at status.hackrpi.com/mentor.

Internet and Infrastructure

We will be working tirelessly throughout the event to ensure that everyone has internet access. WIFI is available throughout the buildings but will not be able to hold everyone at the same time. Do not fret! You should instead connect via ethernet: many of the hacking areas have ethernet ports available to you. We will be distributing ethernet cables throughout the event.

It is very important that you do not touch any of the access points or wiring that will be scattered about. If you notice a problem, please bring it to the attention of an organizer. If you see someone without a volunteer shirt touching the access points, alert a volunteer immediately!

Useful Data Sets

If you are doing a Data Science hack here are some excellent resources for data sets:

<http://www.data.gov/>

US Government Open Data

<http://www.freebase.com/>

A community-curated database of well-known people, places, and things

<http://data.worldbank.org/>

World Bank Open Data: free and open access to data about development in countries around the globe.

<http://www.githubarchive.org/>

A project to record the public GitHub timeline, archive it, and make it easily accessible for further analysis.

<http://www.icpsr.umich.edu/icpsrweb/SAMHDA/studies/34933>

National Survey on Drug Use and Health

Hardware

If you are planning to do a hardware hack, we will be lending out some hardware. We will announce where to go and what we are lending during the event. If you have a particular question about your hardware hack and what we are lending you can ask a volunteer.

Prizes

We're doing prizes slightly differently than at other hackathons: instead of a Grand Prize (with first, second, and third place prizes) we have six main categories, each member the winning team in each category, selected by our judges, will receive a prize. The prizes will be announced during the event.

In addition we will be offering a number of smaller prizes in miscellaneous categories, some of the serious and some of them fun. Some categories will be secret until they are announced and some will be announced on the prize page of the website during the event.

Main Prize Categories

Best Web Hack - Best Hardware Hack - Best Mobile Hack

Best Data Science Hack - Best Video Game / Virtual Reality Hack - Best Humanitarian Hack

Besides the prizes brought to you by HackRPI and our judges, some of our sponsors are offering prizes of their own. Specific details about each prize will be provided on the prize page of our website.

Company Sponsored Prize

Best Hack Built with a TI Launchpad Texas Instruments	TI Chronos Watch
Best IBM Hack IBM	IBM engraved Bluetooth speaker with microphone
Best Microsoft Hack Microsoft	2 Surface Pro 3s and 3 Nokia Lumia 1520s
Best Web Hack CommerceHub	Google Nexus Tablet and a Tour of the CommerceHub offices at the SUNY Nano College
Best Bloomberg API Hack Bloomberg	Samsung Galaxy Gear Smart Watch, WASD Keyboard, \$150 Gift Certificate
Best SoundTouch API Hack Bose	Bose QC 20i noise cancelling in-ear headphones
Best Embedded Hack Bose	Beaglebone Black embedded development platform and accessories
Best SoundTouch API or Best Embedded Hack Runner Up Bose	2 Bose Soundlink Color Bluetooth Speakers

Interviews and Recruiting

If you're looking to land a job, you came to the right place. All of our sponsors are looking to recruit awesome hackers and would be excited to talk about job opportunities with you at their booth.

Some of our top tier sponsors will be conducting interviews on-site. Here are the details they would like to share with you:

CommerceHub

CommerceHub will be conducting interviews on Saturday from 4:30pm to 10:30pm in 20 minute time slots. If you are interested send an email to dcheu@commercehub.com (with your resume attached!) requesting a time slot. You can view the interview schedule here throughout the event: <http://goo.gl/nC3m1a>

IBM

Students can visit ibm.biz/LearnBluemix for a link to information on IBM's recruiting process. A full list full of all IBM opportunities is available at ibm.com/start.

Tata Consultancy Services

TCS will be conducting interviews both days of the event. Graduating Seniors should stop by the TCS booth for consideration and bring a resume in hand!

Event Updates

Event announcements and updates will be relayed over the PA system, in addition to social media, and our announcement board found at <http://status.hackrpi.com>. You may notice it on various screens around the DCC and CII. You can also go there to request help from a mentor. Still unimpressed? Well, we also have it setup to watch everyone's repositories! You will be able to take a look at everyone's project as they build them.

Submit your repository as soon as you you create it: <http://status.hackrpi.com/repos>

Submitting your Hack

We're using ChallengePost to showcase all your projects and support the judging. You need to Register now and then, submit your projects before the deadline, both at this link: <http://hackrpi.challengepost.com/>

Here's what you do:

- 1) Have **EVERY** person on your team go to the link above and click "Register for this hackathon." (It will require you create ChallengePost accounts, which is quick.)
- 2) One person from each team will Enter a Submission (which is a button you'll see after you Register). Toward the bottom of the submission form, it will ask you to add your teammates' email addresses. Make sure you enter the same email addresses your teammates used to create their ChallengePost accounts.
- 3) Start early by typing in what you can on the submission form, and then save it as a draft. That way you won't be rushed toward the end. You'll be able to keep updating it until the deadline on Sunday!

Anonymous Reporting System

HackRPI and its organizers are committed to providing a friendly and harassment-free environment to all hackers regardless of race, gender, sexual orientation, or beliefs. We don't expect any bad behavior but in case the situation does arise, we are operating an anonymous reporting system to handle it.

If you see or experience anyone engaging in unwelcome behavior towards you or another attendee, please do not hesitate to use this form to report it and we will send a volunteer to deal with the situation immediately. **We want everyone at HackRPI to be comfortable and have a great time.**

The form can be accessed through our status board at <http://status.hackrpi.com/> or directly at <http://goo.gl/forms/M9jFbsI2fT>.

Safety

HackRPI will be staffed by RPI Public Safety officers 24/7. In addition to this, we will have the RPI Ambulance Service on call for the duration of the event. We don't expect any issues, but we will be ready if they arise.

RPI Public Safety: (518) 276-6656 for non-emergencies, (518) 276-6611 for emergencies
RPI Ambulance: 911

Still Have Questions?

If you have any questions at all feel free to talk to a volunteer. We are here to make this event great for you and the hackers attending, so please come to us with any concerns at all that you have.

Sponsors



Partners



Rensselaer

