HACKDFW

INFORMATIONAL PACKET
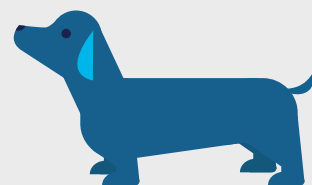
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TLDR

The wifi password is **intuithackdfw2015.**

Our judging criteria is open so you know exactly what we're scoring you on, you'll receive your scores post-hackathon.

Hacking ends at 12:30PM on Sunday.
Expos start promptly at 1:30PM.

We have lots of hardware available for you.
Check it out.

We'll let you know when it's time to eat!

Go to the Information Desk if you have any questions or issues - we want to help.

MENTORS

To request a mentor please go to the Info booth and let them know what you need help with and your table number, we'll dispatch a mentor directly to you!

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JUDGING CRITERIA

Originally Prepared by: Greg Needel, Head Judge Redbull Creation
Modified by: Austin Wells and the HackDFW Team

Preface: Judging creativity and innovation is sometimes seen as comparing apples to oranges, as unique ideas may have common ground but are distinctly different in all fashions. This fact alone makes it difficult to have a completely fair competition, as the evaluation of each idea is a personal reflection on the person who is doing the judging and not always the concept itself. Many different solutions to this problem have been discussed and executed in different ways for different competitions with both success and failures. One of the major improvements to this Hackathon's judging process is the Transparency of the process and the criteria used for evaluation.

For Hack DFW, we will be using a few different methods to determine the Top seven winners, which are published in this document.

Top seven: The Top seven of Hack DFW will picked among all teams who submit final hacks for the competition. Each team who submits a hack will be viewed by a minimum of three (3) judges for two minutes (2) each and be judged by the criteria outlined below. This judging will occur during the project expo. These points will be summed by the judges and then the Top seven teams will be notified and proceed to the "Top 7 Demos".

The Categories which will be evaluated for 2015 arwwe as follows:

Creativity – Originality. Is this something unique and special.
Technicality – Did you implement or build complex systems or algorithms, or just use pre existing tech?
Aesthetics – Does your creation look as good as it functions?
Function – How well does your creation work?
Awesomeness –You can't explain it, but you always know it when you see it.

For the expo, a score of 1-10 will be assessed in each of these categories by each individual Judge. In the event of an overall tie in score for the Expo, the team with the highest score in the "Creativity" category will win. If there is still a tie in Expo judging the categories will be considered in the following order: Creativity, Awesomeness, Function, Aesthetics, and Technicality.

For Top 7, a score of 1-10 will be assessed in each of these categories by each individual Judge. In the event of an overall tie in score for the Top 7, judges will be responsible for deliberating and coming to a joint decision.

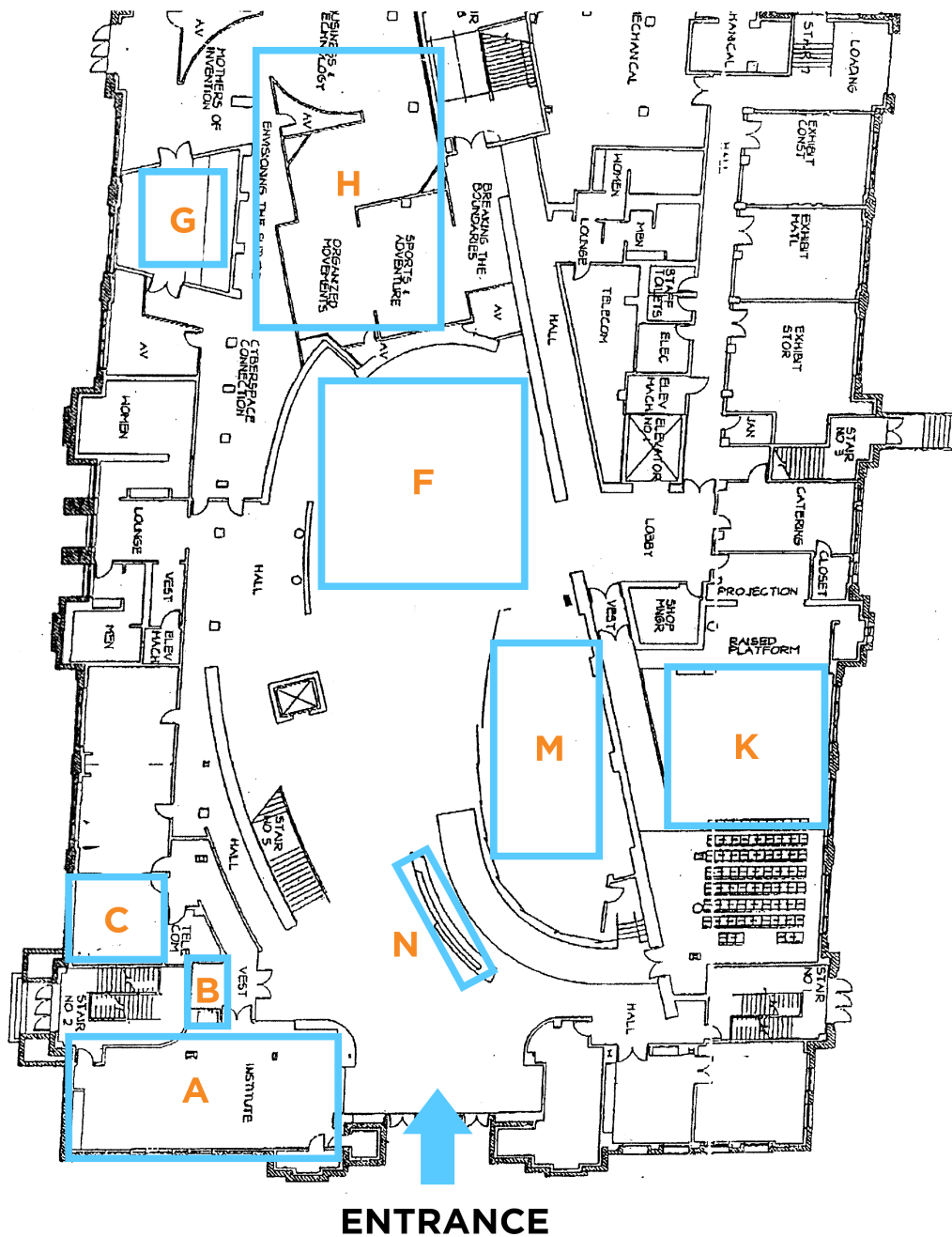Teams will get their scores at the conclusion of the event.

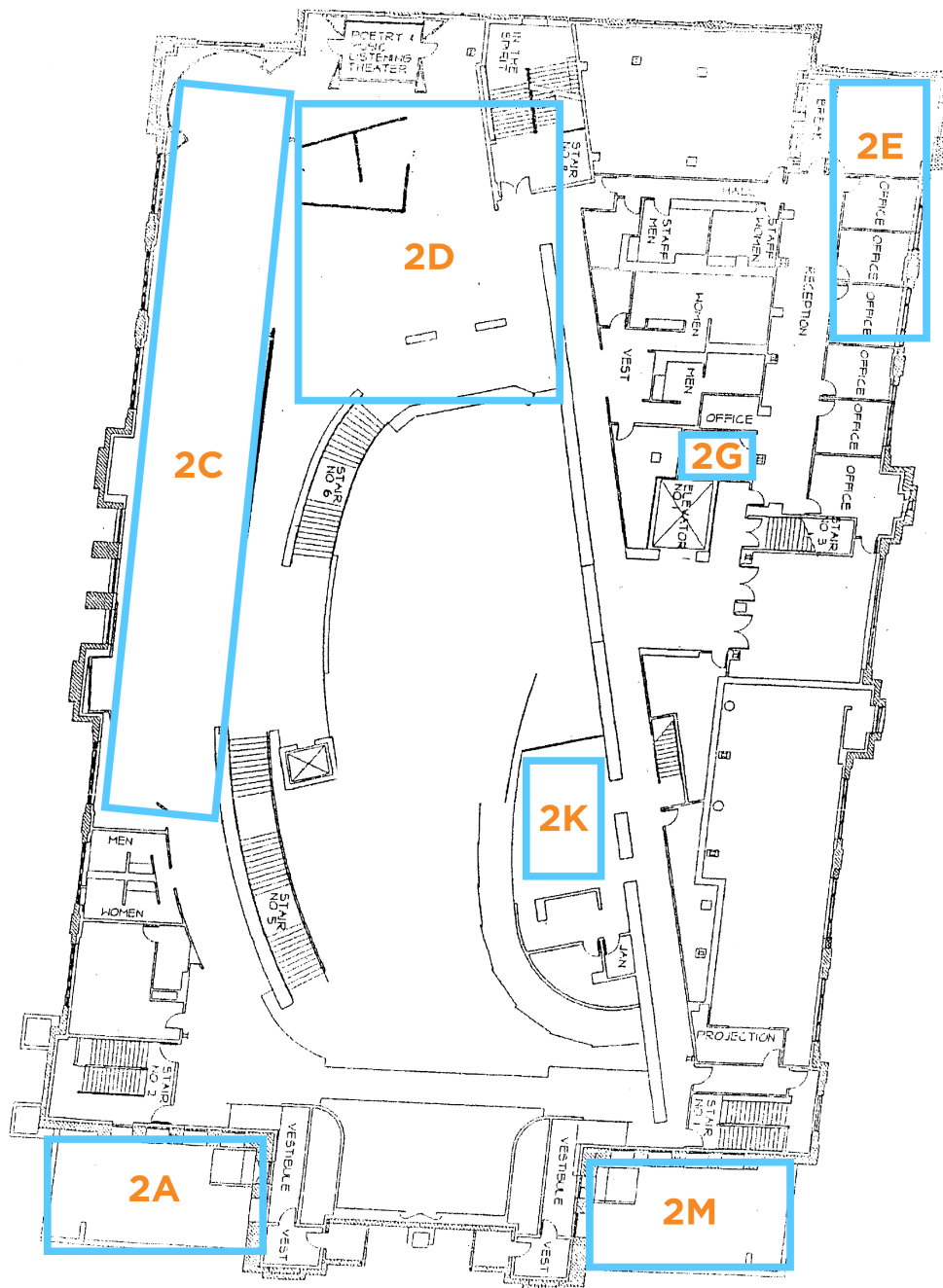| TEAM NAME										
CREATIVITY	1	2	3	4	5	6	7	8		
TECHNICALITY	1	2	3	4	5	6	7	8	9	10
AESTHETICS	1	2	3	4	5	6	7	8	9	10
FUNCTION	1	2	3	4	5	6	7	8	9	10
AWESOMENESS	1	2	3	4	5	6	7	8	9	10
TOTAL SCORE									9	10

NOTES:

HACKDFW

FLOOR 1

MLH Room - MLH TV Filming Area (A)
Form Pick Up / Hardware Checkout (B)
ProgrammING Pups / Theormy Room (C)
Opening/Closing Ceremony Area (F)
Game Room (G)

Laser Tag Arena (H)
Tech Talk Room (K)
Hacking Area One (M)
Info Booth (N)

ENTRANCE

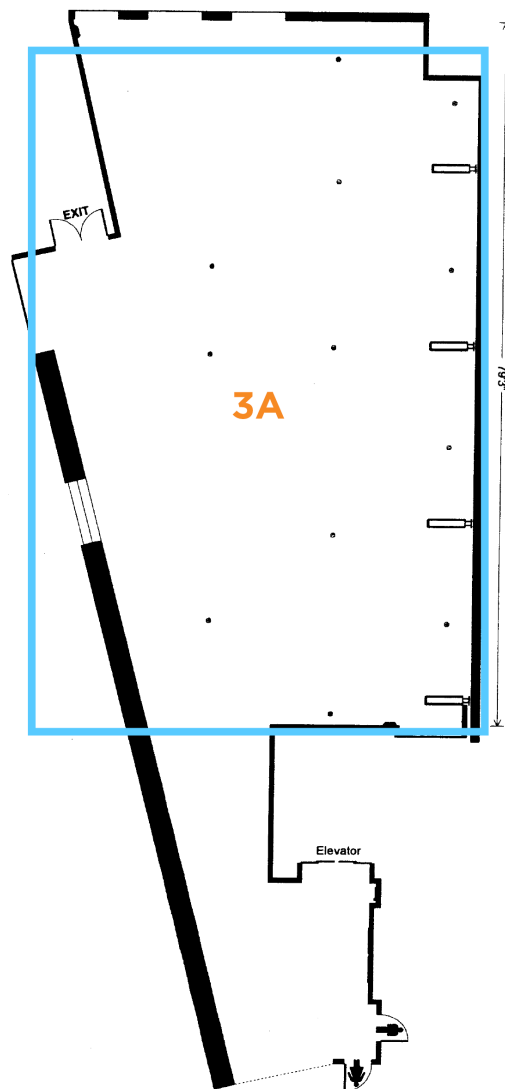# FLOOR 2

Balcony Area (2A and 2M)
Sponsor Area (2C)
Hacking Area Two (2D)
Food Service (2E)

Vegetarian Food Service (2K)
Prayer Room (2G)
Saturday Breakfast and Snack
Area (2K)

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FLOOR 3

Hacking Area (3A)

3A

EXIT

79'3"

Elevator

AGENDA

These times are subject to change.
They probably will.

Saturday

10:00 AM
Registration Opens (Floor 1 Section D)
Sponsor Fair (Floor 2 Section C)
Light Breakfast Served (Floor 2 Section K)

12:00 PM
Opening Ceremony (Floor 1 Section F)

1:00 PM
Hacking Starts

5:00 PM
Tech Talk by Intuit (Floor 1 Section K)

7:00 PM
Resume Workshop by Deloitte (Floor 1 Section K)

8:00 PM
Laser Tag (Floor 1 Section D)

11:00 PM
MLH Code in The Dark (Floor 1 Section K)

Sunday

10:00 AM
Pitch Prep Talk by Sabre

12:30 PM
Hacking Ends

1:30 PM
Competition Expo

3:00 PM
Finals and Closing Ceremony

5:00 PM
Hackathon End

HACKDFW

HARDWARE CHECKOUT

We have some awesome hardware available for you! If you'd like to check out hardware go to the Hardware Checkout area on the first floor (Area B).

Our list of available hardware:
15x TI Launchpad
15x Pebble
32x oculus
5x Amazon Fire phone
13x spark core
33x loaner pebble
1x digital multimeter
27x leap motion
19x arduino uno
12x breadboards
5x tessel w/ cable
2x tessel without cable
1x tessel rfid
2x tessel climate
2x tessel ble
2x tessel accel
2x tessel camera
2x tessel ambient
1x tessel audio
1x tessel relay
1x tessel ir
1x tessel servo module
24x myo

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INFO BOOTH

Have a question you need answered?
Come to our Info booth and we'll be happy
to help you with whatever we can! (Directly
across from the entrance to the venue)

Some examples of things we can help with:
Find a mentor to help with design or idea generation
Answer your questions about the event
Handle code of conduct violations
Find a mentor to help with technical issue
Help you navigate the venue
Dispatch the cleaning crew in case of a spill or accident.

We're here to make your life easier so you
can keep hacking!
Please, let us know what we can do to help.

API BLURBS

Intuit Challenge: TBD

We are innovators at Intuit and have been at it for more than three decades. As the world evolves, so do we – inventing new solutions to solve important problems, perfecting those solutions and delighting our customers. In short: Improving people's financial lives so profoundly they can't imagine going back to the old way.

We started small in 1983 with Quicken personal finance software. Today, through a number of flagship products including TurboTax, QuickBooks and Quicken, we've improved the lives of more than 45 million people, and our annual revenue exceeds $4 billion. We're publicly traded with the symbol INTU on the Nasdaq Stock Market, and regularly recognized as one of the best places to work in locations around the world.

Intuit's Professional Tax Group, based in Plano Texas, works directly with tax pros to provide tax preparation solutions that save time in the work they do for their clients and drive awesome end to end customer experiences. These solutions include Lacerte, ProSeries and Intuit Tax Online and the business unit has offices in Plano Texas, Tucson, AZ, Fredericksburg, VA, San Diego, CA, Canada and India.

Deloitte

Deloitte is the largest professional services organization in the world, with the unparalleled depth and breadth of services to help our clients solve their most complex challenges. Our professionals deliver those solutions in all areas of leading edge technologies, from app development to cyber security to development and implementation of enterprise-wide systems and more. If you share the belief that technology can help solve the world's greatest challenges, Deloitte may be a great place for you to launch a career. We give you more opportunities to pursue your goals—to do what matters for your clients and for you. More ways to meet extraordinary leaders and build exceptional leadership and technological skills. You'll work with renowned global companies and the entrepreneurs in startups that are building the future. You'll solve complicated problems. And you'll do more than have a hand in the strategy that moves business forward; you'll confidently implement the solutions that help make it work.

Sabre Challenge: Best use of Sabre APIs

Prize: $500 Cash
Sabre Dev Studio includes a portfolio of over 100 SOAP APIs and a growing collection of REST APIs, you can incorporate services across the entire travel journey — from dreaming, to planning, to purchasing and servicing trips. Try our REST APIs to enable new air shopping experiences, including sub-second inspirational and theme shopping, as well as intelligence services to help users make more informed choices. Integrate a six-month calendar shopping capability into your application or shop across hundreds of alternate airports by budget or theme. Forecast the future with our intelligence services — show your users everything from the crowds at a destination, to whether or not the time is good to book travel.

AT&T Challenge: Best application to mobilize your world.

Prize: TBD. Check Challenge Post for updates!
AT&T is bringing it all together for its customers, from revolutionary smartphones to next-generation TV and broadband services and sophisticated solutions for multi-national businesses. It is one of the largest employers in the country, with employees in all 50 states and in 60 countries. AT&T has been widely recognized as a great place to work, and earned accolades for its diverse, inclusive, and innovative employment practices.

Ways in: Visiting att.jobs/college, campus visits & job postings, full time development programs, Co-Op and internships.

StateFarm Challenge: Best use of Drones

Did you know that State Farm has more data on hand than the Library of Congress and processes more than one billion transactions per month? On the surface, State Farm is a top insurance and financial services provider with more than 18,000 State Farm® Agents serving over 80 Million policies and accounts. Dig deeper and you'll discover that many levels and variations of information technology (IT) are required to do what we do, on the massive scale that we do it. This includes over 5,000 IT employees, over 6.9 petabytes of SAN storage and almost 30,000 servers. Research and innovation in the insurance space and beyond are critical to meeting and exceeding our customers' needs.

Drones usher in an entirely new realm of possibilities. The State Farm Challenge is to simply build an application that utilizes a drone. We will have five AR Drone 2.0 accessible to teams during this challenge. C, Java, iOS, Android APIs are available. Top teams take home a drone.

DFW Technology Challenge: TBD

Intel Mashery Challenge: Best use of Intel technology

Optional cash prize for best use of Weather Channel API
Mashery provides the most innovative and successful brands with the API management platform and tools that help them scale their businesses and extend their APIs' reach. Mashery is an Intel company.

Global Hackathon Seoul

Prize: Invitation to GHS 2015
Global Hackathon is a nonprofit organization based in the United States and supported by partners across the globe. The event celebrates diversity, inclusivity, and unity among Hacker communities to inspire, teach, build, and form partnerships that have a global impact. The four-day event will take place July 29 – August 1, 2015 at the COEX Convention & Exhibit Center in Seoul, Korea.

The Seoul Metro Government is teaming up with Global Hackathon to host the first international city backed Hackathon — expected to be the largest ever. The event will take place from July 29 – August 1, 2015, at the COEX Convention & Exhibition Center in Seoul's Gangnam district.

For more information please visit seoul.globalhackathon.io.

Microsoft Challenge: Best use of Azure

Prize: Dell Venue Tablets
Looking for a cloud solution to host your website, virtual machine or maybe do predictive analytics with Machine Learning? Come by the Microsoft booth to get an Azure pass, that will give you free access to our cloud. Hoodiepillows will be handed out to the teams using Azure, and the team with the best use of Azure in their hack will win Dell Venue tablets.

IBM Challenge: Best Use of IBM Bluemix.

IBM Bluemix and Watson. Compose and host your web app or mobile backend in the cloud rapidly. IBM Bluemix provides an open standards-based cloud platform and key platform APIs to enable rapid assembly of interactive applications for mobile iOS and Android devices, web, Internet-of-Things, etc. Within the Bluemix platform, developers like you will find a range of open source and third-party languages, APIs and services like Node.js, Ruby on Rails, Java, PHP, Python and more. You can focus on ideation and move easily to code. With Bluemix's abstraction of the infrastructure layer, you can use services like Mobile Data, Push, Data Cache, Analytics Warehouse and Cloudant NoSQL Database to rapidly build, deploy, manage and scale new applications. Of course, you can bring your own runtimes and use cf command line interface.   Good Luck and we're help to help you design and build your hack! Come visit us at the IBM table at the API Fair and IBM Sponsor table during the hackathon, tweet #bluemix and see http://ibm.biz/LearnBluemix.

Fidelity Investments

We Invest In Technology. Let Us Invest In You. We reward ambitious, passionate individuals with a work environment that fosters diversity, teamwork and collaboration as well as encourages innovative ideas and fresh thinking. We recognize the value that employees' individual differences can contribute to the bright and strong future of our company. Leap is Fidelity Investments' exciting training and development program for new IT graduates. The program is designed to accelerate the development of recent IT graduates to become best-in-class technologists. Participants in Leap will benefit from an enriched on-boarding program followed by specific technology, business and professional skills training. The training promises to challenge and excite with responsibility and visibility. We invest in identifying technologies and tools that benefit our customers and employees. Become a part of Fidelity's future.

ilumi Challenge: Best use of ilumi

Prize: ilumi Smartbulbs
As one of Texas's Hottest Startups, ilumi combines bleeding edge Bluetooth Wireless connectivity with Intelligent Multicolor Lighting to unleash the power of light. The ilumi Smartbulb is a series of color tunable LED light bulbs controlled wirelessly from an easy to use mobile app for iOS or Android. Through the app, you can adjust the color and brightness or enjoy preset lighting experiences to help you get the most out of your lighting. ilumi has been featured in TechCrunch, CNet, Fast Company, and the Dallas Morning News. After appearing on ABC's Shark Tank billionaire Mark Cuban became a major investor.

We have open development positions: Mobile and Firmware. Come by and speak to us!

Call-Em-All

Whether you're a church, school or Fortune 500 company, count on Call-Em-All's voice broadcasting service to send your important alerts, notifications and reminders to your whole group in an instant.

HackerRank Challenge: Look out for it!

With the world's fastest growing developer platform, we are on a mission to make the world fast by making hackers the best at what they do.

mroads

Mroads is a niche company building next generation workforce that leverages technology and awareness. We believe innovation leads to generating solutions that make the day to day life easy for humans and organizations. We help clients in solving their toughest problems by delivering a globally consistent set of multidisciplinary services.

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Nod Challenge:

Strong communities are built on a foundation of aligned purpose, communication, and deliberate action. Create a tool or platform that supports the creation and growth of hyper-local, engaged, communities.
Prize: 2-week pass to NoD coworking
NoD is a collaborative coworking space located in Far North Dallas designed for creatives and entrepreneurs. Tweet @nodDFW!

Pebble Challenge: Best use of Pebble

Prize: Pebble Watches
https://developer.getpebble.com/
Pebble is a microcontroller based smartwatch with a B&W e-Paper display, FreeRTOS operating system, and a lot of embedded system charm. For those who haven't kept up with the wearables market over the last year or so, you may not be aware of Pebble. Pebble is the smartwatch that 68,000+ people brought to life, crowdfunding a record $10.3MM on Kickstarter, and put wearable technology on the map.
Twitter: @PebbleDev

Tzu Chi

Feeding HackDFW attendees vegan and vegetarian food.

Uber

Uber is a technology company that connects people who need a ride with a driver at the tap of a button in over 279 cities in 53 countries. With thorough criminal background screening of drivers, robust commercial insurance coverage, and in-app safety features - Uber provides access to the safest, most affordable and hassle-free transportation option in town.

Ride this weekend in style with Uber Dallas! New users who enter promo code "HACKDFW" will receive $20 off their first ride!