



#181: Cryptoparty - Digital Security for Everyone

Date Nov 10, 2015

Sponsor [DataMade](#)

Some things to know

- There will be food! You are also welcome to take up to 2 drinks from the 'everyone' refrigerator.
- Braintree space: We are free to use the auditorium, small offices directly next to it, and the cafeteria.
- [Twitter](#) and [Flickr](#): share using the **#chihacknight** hashtag. Follow us [@chihacknight](#)
- Website: [ChiHackNight.org](#)
- Google Group: <https://groups.google.com/forum/#!forum/chihacknight>
- Weekly email: <http://eepurl.com/z65hn>
- Join our [Slack](#) channel: <http://slackme.chihacknight.org>
- We have Chi Hack Night stickers! [Here's how you get one](#)
- Wifi Password: PayPalGuest / SafePayments
- Someone make sure the guard gets food!

Agenda

6:00 pm Eating and socializing
6:15 pm Welcome, introductions & meet your neighbor
6:30 pm Announcements
6:40 pm Presentation
7:15 pm Highlight breakout groups
7:30 pm Break into groups and hack

Announcements

Share your civic tech news, events and projects!



Cook County GIS Day is Nov. 17

GIS (Geographic Information Systems) Day comes a day early in Cook County because we have a Board meeting on the 18th. And because we know you GIS-types like to start your celebrating ASAP! We got Cook County Clerk (also Former Mayor of Chicago) the Honorable David Orr coming to speak. We got a contest for telling a story with GIS. We got a big room with a lot of maps in it. Come on down!

<http://www.cookcountyil.gov/2015/11/04/join-cook-county-for-gis-day-nov-17/>

New Cook County Open Data

Cook County Parcel boundary data for 2014 is now available:

<https://datacatalog.cookcountyil.gov/GIS-Maps/ccgisdata-Parcel-2014/2m9h-cq6j>

Email open dot data at CookCountyIL.gov and tell us what data sets you would like to see!

Built In Brews: iLoan - Thursday, November 12, 2015, 5:30-8:00 PM

We're throwing it back on Thursday, November 12,-70s, 80s, or 90s style. Join us for a Throwback Thursday themed **Built In Brews** at **iLoan** complete with beer, wine, and your most treasured looks, outfits, accessories, games, and childhood food favorites. Get ready for a blast from your past!

<http://www.meetup.com/Built-in-Chicago/events/226238304/>

Chi Hack Night shirts

Derek ordered a big batch of them. Buy your very own for \$11!

+1!

Citizens Police Data Project

Until recently, records of police misconduct in Chicago have been kept secret.

In 2014, the court decision *Kalven v. Chicago* opened those files to the public.

<http://cpdb.co/landing/>

Chicago Transportation Department Permits

Due to a change in source systems, two Data Portal datasets will become historical only in the coming weeks and a new dataset with all Chicago Department of Transportation permit applications will go live.

See

<http://chicagoportalstatus.tumblr.com/post/132963313715/new-department-of-transportation-permits-dataset>

Contacts for more information: @ChicagoCDO, @JonOpenData, dataportal@cityofchicago.org

Missing Maps Chicago Mapathon

American Red Cross

Saturday, November 21

9:30 AM - 2:00 PM

<https://www.eventbrite.com/e/chicago-missing-maps-mapathon-tickets-19288732117>

<http://www.missingmaps.org>

CryptoParty

Saturday December 5th, 2015 2PM at South Side Hackerspace

Jobs!

Post your civic tech job openings here!

Cook County Chief Technical Officer

<http://www.cookcountyil.gov/bureau-of-technology/job-postings/>

Manages the Data Center and server farms, Network Control Center, the Telecommunications group and the Office Technology department. In this job you would design and drive the County's technology infrastructure.

Software Engineer - Center for Technology & Civic Life

<http://www.techandcivillife.org/news/2015/10/9/job-software-engineer>

Help us help millions of voters and community members get more civically engaged by joining the CTCL Civic Data team! We take messy pieces of information around elections and representation and turn them into standardized, useful datasets that have been accessed over 60 million times.

iLoan is hiring!

<https://careers.iloan.com/#home>

At iLoan, we're focused on one simple thing: making borrowing better. We're building a cutting-edge lending platform that will offer an easy, straightforward online loan experience that will connect people with the funds they need to take charge of their financial future. Check out our current openings for software engineers, marketing analysts, and more!

Ingenuity is hiring a Director of Data & Impact

http://www.ingenuity-inc.org/filebin/pdfs/Data_and_Impact_Job_Description_102815.pdf

Ingenuity works in partnership with the Chicago Public Schools to track and share data on arts education. The Director of Data & Impact is responsible for leading the ongoing management and evolution of a multi-platform data collection and dissemination system, and will serve as the architect of a new research agenda on the field of arts and public education. This new Director must also come armed with an acute vision for how data can and should be actively applied by a wide universe of private and public sector leaders to effect greatest change.

Presentation notes: Cryptoparty

(A grassroots international movement to provide spaces for people of all types to get training in digital security)

- Educational! Free!
- People think "I have nothing to hide" even though they *do*.
 - That's ok!
- There is nothing illegal or subversive about using a tool to protect your privacy online (just as whispering isn't strange either)
- What Information Do We Create
 - medical info, financial info, political beliefs, sexual identity, nudity
 - (More and less sensitive based on audience)

- Info is used for things like: private companies advertise to your demographic based on personal info
- Who collects information about us?
 - Private companies like Google that exchange services like email and personalized search for
 - The City of Chicago (e.g. Array of Things. Traffic cameras)
 - Free services (e.g. Facebook)
 - Nixon watched certain reporters aides. This happens in our current and past political climates.
- What is a Cryptoparty?
 - A grassroots movement to protect information
 - Used by:
 - activists
 - lawyers
 - journalists

Steps to take to protect your information:

1. Identify the information you are trying to protect.
2. Identify whom you are trying to protect the information from. (e.g. a rival company, the state, a parent)
3. What is the adversary willing to do to find out?
4. What happens if they gain the info? (e.g. loss of job, loss of life)

Three (3) easy to use tools:

1. <https://www.eff.org/https-everywhere>
 - a. Makes it easy to use HTTPS in all the places where it is supported, even on websites that do not default to https. <https://www.eff.org/https-everywhere>
2. [Signal Private Messenger](#), IM Encryption (e.g. [Pidgin/Adium](#)), PGP Email Encryption (e.g. [Enigmail](#), [Mailvelope](#))
 - a. End to End Encryption (e2e)
 - b. Both endpoints (you and the person you're talking to) need to be using these.
3. <https://www.torproject.org>
 - a. Browse the web in anonymity
 - b. Works by bouncing your request through other servers before hitting your destination