

PANOPTICON: Global Surveillance Architecture: Life Of A Child 2014



Raj Goel, CISSP

raj@brainlink.com

917-685-7731

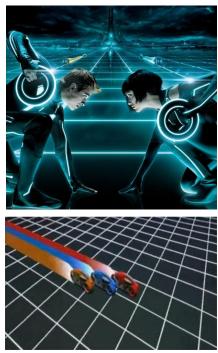
www.RajGoel.com

@rajgoel_ny



Expectation







Reality











Lifecycle Of A Child

From Pre-birth Thru College



Image courtesy of Banksy



Necessary Identifiers

- Mother's Maiden Name
- Date Of Birth
- City Of Birth
- Name
- Phone



Mother's Maiden Name



GRACE DUNLAN

DALLON BOURJET

WERE UNITED AS ONE
IN MARRIAGE
IN A PRIVATE CEREMONY
IN MAUI, HAWAII
ON MAY IST, 2010.

YOU ARE INVITED TO ATTEND AN OPEN HOUSE RECEPTION HELD IN CELEBRATION OF THEIR UNION ON MAY 29TH, 2010 BETWEEN 4 - 7 P.M. GREAT OAKS PARK GLENDALE, CALIFORNIA

CARDCHEF.COM



Date Of Birth (potential)





Facebook is (NOT!) your friend

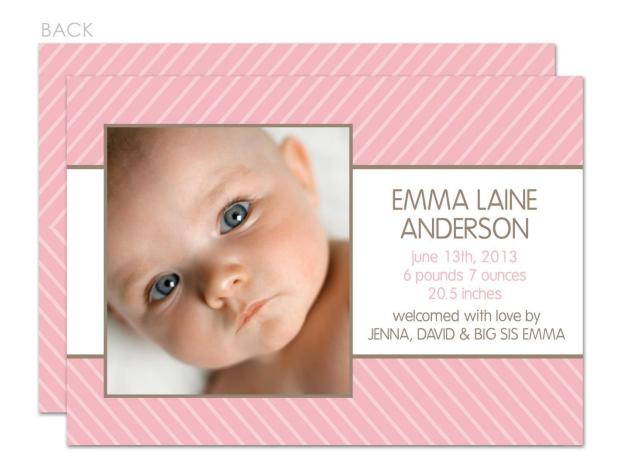


Expecting a Baby

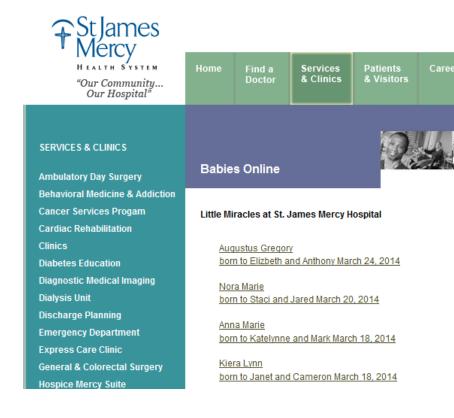




Date Of Birth (and siblings too!)



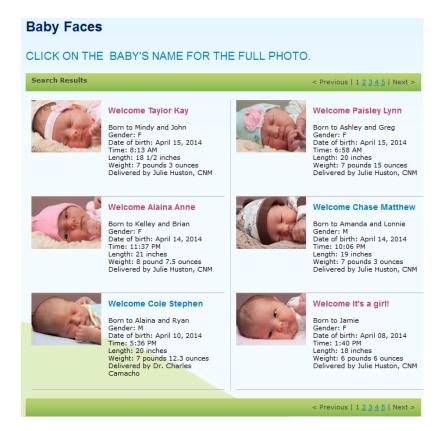
City Of Birth



St. James Mercy
Hospital
411 Canisteo Street
Hornell, NY 14843
(607) 324-8000
information@sjmh.org
www.stjamesmercy.org



Delivery Nurse?



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Home Is Your Castle

- Stranger Hacks Into Baby Monitor and Screams at Child
- According to Heather Schreck, the stranger was yelling at her 10-month-old daughter Emma, "Wake up baby. Wake up baby.' Then just screaming at her trying to wake her up." Then Adam Schreck, the baby's father, said when he ran into the room, the camera turned and started shouting at him.
- http://time.com/79170/stranger-hacks-into-baby-monitor-and-screams-at-child/



Castle Breach

- In August 2013, NewsFeed reported via ABC13 that in Houston, a stranger saw a two-year-old girl's name written on her bedroom wall via the Internet-connected cam and started making abusive comments like ""Wake up you little sl#t."
- http://time.com/79170/stranger-hacks-into-baby-monitor-and-screams-at-child/



How do we get phone #?





We don't need no education...

 New York parents furious at program, inBloom (\$100M, funded by Gates, Murdoch, etc), that compiles private student information for companies that contract with it to create teaching tools

Read more: http://www.nydailynews.com/new-york/student-data-compiling-system-outrages-article-1.1287990#ixzz32HxtpQ1h



In Loco Parentis? HAH!

 School pays \$70K to student forced to give up Facebook password

http://www.nydailynews.com/news/national/school-pays-70-000-forcing-student-reveal-facebook-password-article-1.1736528

Principal creates fake account to spy on students

http://www.cnet.com/news/principal-resigns-amid-accusations-of-facebook-spying/



Teenage Goldmine





Prevent your kids from becoming

- accidental porn stars
 Children and young people are posting thousands of sexually explicit images of themselves and their peers online, which are then being stolen by porn websites, according to a leading internet safety organisation.
- A study by the Internet Watch Foundation (IWF) reveals that 88% of self-made sexual or suggestive images and videos posted by young people, often on social networking sites, are taken from their original online location and uploaded on to other websites.
- Reams of sexually explicit images and videos are being uploaded by children and young people, the study found. During 47 hours, over a four-week period, a total of 12,224 images and videos were analysed and logged. The majority of these were then mined by "parasite websites" created for the sole purpose of displaying sexually explicit images and videos of young people.
- http://www.guardian.co.uk/technology/2012/oct/22/parasite-porn-websites-images-videos

Facebook outs most personal secrets

- Bobbi Duncan desperately wanted her father not to know she is lesbian. Facebook told him anyway.
- One evening last fall, the president of the Queer Chorus, a choir group she had recently joined, inadvertently exposed Ms. Duncan's sexuality to her nearly 200 Facebook friends, including her father, by adding her to a Facebook Inc. discussion group. That night, Ms. Duncan's father left vitriolic messages on her phone, demanding she renounce same-sex relationships, she says, and threatening to sever family ties. The 22-year-old cried all night on a friend's couch. "I felt like someone had hit me in the stomach ...
 - http://online.wsj.com/article/SB10000872396390444165804578008740578200224.html

Surveillance Nations

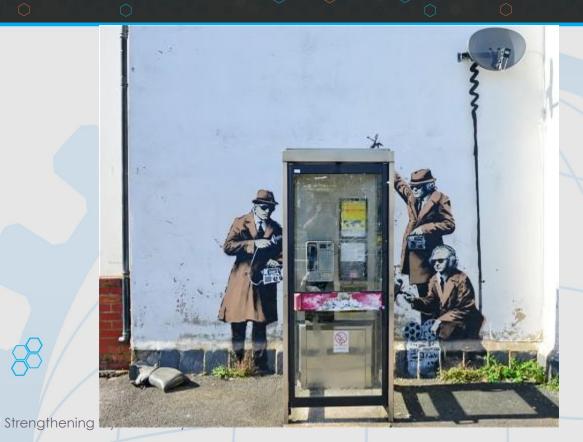


Image courtesy of Banksy

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What to teach your Kids, Employees & Interns About Social Media



"Everything You Say Can And Will Be Used Against You, By Anybody, Now Or Decades Into The Future." – Falkvinge

http://www.brainlink.com/free-stuff/webinars/what-to-teach-your-kids-employees-and-interns-about-social-media/

PRISM – How & What



http://fr.slideshare.net/EmilandDC/dear-nsa-let-me-take-care-ou

PRISM – The Players



http://fr.slideshare.net/EmilandDC/dear-nsa-let-me-take-care-ou

SEC, DOJ, ECPA

- for a long time, the Department of Justice DOJ argued ECPA allowed it to circumvent the Fourth Amendment and access much of your email without a warrant..
- Securities and Exchange Commission SEC, may be doing the same exact thing: it is trying to use ECPA to force service providers to hand over email without a warrant, in direct violation of the Fourth Amendment.
- ECPA has been used to argue that emails older than 180 days may be accessed without a warrant based on probable cause. Instead, the agencies send a mere subpoena, which means that the agency does not have to involve a judge or show that the emails will provide evidence of a crime.
- https://www.eff.org/deeplinks/2014/04/sec-obtaining-emails-without-warrant-ornot



Utah Cops, Warrantless Search

- Utah law enforcement officials searched, without a warrant, the prescription drug records of 480 public paramedics, firefighters and other personnel to try to figure out who was stealing morphine from emergency vehicles.
- The warrantless search of Utah's database chronicling every controlled substance dispensed by a pharmacist resulted in charges against one paramedic that have nothing to do with the original investigation. Instead, the authorities discovered an employee whose records exhibited "the appearance of Opioid dependence" and lodged prescription fraud charges against paramedic Ryan Pyle. Now Pyle faces a maximum five-year prison sentence if convicted of the felony.
- http://arstechnica.com/tech-policy/2014/04/utah-cops-warrantlessly-search-drug-records-of-480-emergency-personnel/



Domestic Surveillance

- Once upon a time, when it came to hi-tech phone surveillance, the NSA used to be the only game in town.
- And while some of the capabilities exposed by former contractor Edward Snowden are indeed mind-blowing, these days anyone – from your best friend, to your worst enemy — now has the ability to listen into your most intimate conversations, and it's only a few smartphone clicks away.
- One of the newest apps that puts that kind of once formidable processing power – in the palm of your hands is called Crowd Pilot.
- http://www.rajgoel.com/2014/02/the-age-of-personal-surveillance-is-here/



Prince George, The Panopticon Kid

Charlie Stross, "This prince is going to find things a little different because he's going to be the first designated future British monarch to grow up in a hothouse panopticon, with ubiquitous surveillance and life-logging ...I expect there to be Facebook account-hacking attacks on his friends, teachers, and associates—and that's just in the near term. He's going to be the first royal in the line of succession to grow up with the internet: his father, Prince William, was born in 1982 and, judging by his A-level coursework, is unlikely to have had much to do with computer networking in the late 1990s. This kid is going to grow up surrounded by smartphones, smart glasses (think in terms of the ten-years-hence descendants of Google Glass), and everything he does in public can be expected to go viral despite the best efforts of the House of Windsor's spin doctors."

http://www.antipope.org/charlie/blog-static/2013/07/monarchy-versus-the-panopticon.html



What will the royal baby look like?







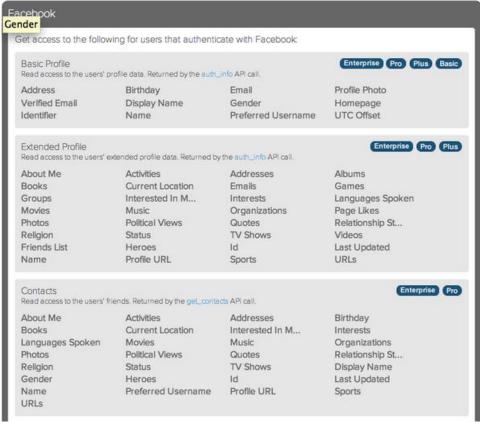








What Does Facebook Sell About You To Corporations, Governments, etc?

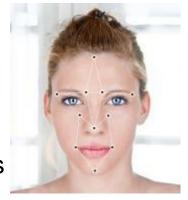


https://twitter.com/TheBakeryLDN/status/427531934294880256/photo/1



Minority Report

- Technology giant NEC's Hong Kong branch is <u>promoting</u> a small, "easy to install" appliance which will enable businesses to monitor their customers based on facial recognition.
- From a recent <u>NEC press release</u>:
- The new Mobile Facial Recognition Appliance enables organizations in any industry to offer an ultrapersonalized customer experience by recognizing the face of each and every customer as soon as they set foot on the premises.
- http://nakedsecurity.sophos.com/2014/04/21/facial-recognition-coming-soon-to-ashopping-mall-near-you/





100x Better, 1M Faster, Dirt Cheap

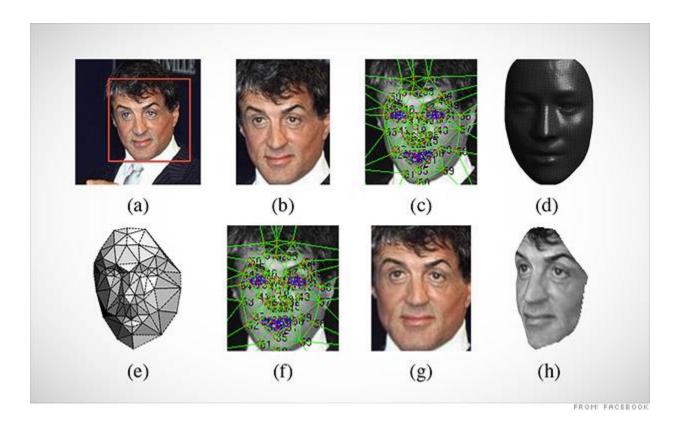
- As Lesley Stahl reported on "60 Minutes", "the ability of computers to identify faces has gotten 100 times better, a million times faster, and exponentially cheaper."
- The "60 Minutes" segment gives an in-depth account of all the scary advancements in the field – highlighting the technology's ability to track your whereabouts, mine your personal data, and even predict your social security number.



 http://www.businessinsider.com/advertisersusing-facial-recognition-technology-2013-5



Facebook Side Profiling



http://manay.app.com/2014/04/04/tochnology/innovation/facebook_facial_recognition/



Computers Beat Humans

- The Face Recognition Algorithm That Finally Outperforms Humans
- Computer scientists have developed the first algorithm that recognises people's faces better than you do

Humans: 97.53%

Machine: 98.52%

https://medium.com/the-physics-arxiv-blog/2c567adbf7fc





- Target has figured out how to data-mine its way into your womb, to figure out whether you have a baby on the way long before you need to start buying diapers.
- Lots of people buy lotion, but one of Pole's colleagues noticed that women on the baby registry were buying larger quantities of unscented lotion around the beginning of their second trimester. Another analyst noted that sometime in the first 20 weeks, pregnant women loaded up on supplements like calcium, magnesium and zinc. Many shoppers purchase soap and cotton balls, but when someone suddenly starts buying lots of scent-free soap and extra-big bags of cotton balls, in addition to hand sanitizers and washcloths, it signals they could be getting close to their delivery date.
- http://www.nytimes.com/2012/02/19/magazine/shopping-habits.html



The Fugitive?

- For the past nine months, Janet Vertesi, assistant professor of sociology at Princeton University, tried to hide from the Internet the fact that she's pregnant — and it wasn't easy.
- Pregnant women are incredibly valuable to marketers. According to Vertesi, the average person's marketing data is worth 10 cents; a pregnant woman's data skyrockets to \$1.50. And once targeted advertising finds a pregnant woman, it won't let up.
- "I used [Tor] for BabyCenter.com."
- When her husband tried to buy \$500 worth of Amazon gift cards with cash in order to get a stroller, a notice at the Rite Aid counter said the company had a legal obligation to report excessive transactions to the authorities.
- "Those kinds of activities, when you take them in the aggregate ... are exactly the kinds of things that tag you as likely engaging in criminal activity,"
- http://mashable.com/2014/04/26/big-data-pregnancy/



FBI, Next Gen Ident (NGI)

FBI Plans to Have 52 Million Photos in its NGI Face Recognition Database by Next Year

- NGI builds on the FBI's legacy fingerprint database—which already contains well over 100 million individual records—and has been designed to include multiple forms of biometric data, including palm prints and iris scans in addition to fingerprints and face recognition data. NGI combines all these forms of data in each individual's file, linking them to personal and biographic data like name, home address, ID number, immigration status, age, race, etc. This immense database is shared with other federal agencies and with the approximately 18,000 tribal, state and local law enforcement agencies across the United States.
- https://www.eff.org/deeplinks/2014/04/fbi-plans-have-52-million-photos-its-ngi-face-recognition-database-next-year



Drones Outta Compton!

- "In a secret test of mass surveillance technology, the Los Angeles County Sheriff's Department sent a civilian aircraft* over Compton, California, capturing high-resolution video of everything that happened inside that 10-square-mile municipality.
- Compton residents weren't told about the spying, which happened in 2012. "We literally watched all of Compton during the times that we were flying, so we could zoom in anywhere within the city of Compton and follow cars and see people," Ross McNutt of Persistence Surveillance Systems told the Center for Investigative Reporting
- http://www.theatlantic.com/national/archive/2014/04/sheriffs-deputy-compares-dronesurveillance-of-compton-to-big-brother/360954/



Putin On The SORM

Russian law gives Russia's security service, the FSB, the authority to use **SORM "System for Operative Investigative Activities"** to collect, analyze and store all data that transmitted or received on Russian networks, **including calls, email, website visits and credit card transactions.**

- SORM has been in use since 1990 and collects both metadata and content.
- SORM-1 collects mobile and landline telephone calls.
- SORM-2 collects internet traffic.
- SORM-3 collects from all media including Wi-Fi and social networks and stores data for three years.

SORM is routinely used against political opponents and human rights activists to monitor them and to collect information to use against them in "dirty tricks" campaigns. Russian courts have upheld the FSB's authority to surveil political opponents even if they have committed no crime.

Russia used SORM during the Olympics to monitor athletes, coaches, journalists, spectators, and the Olympic Committee, publicly explaining this was necessary to protect against terrorism. The system was an improved version of SORM that can combine video surveillance with communications intercepts.

https://www.schneier.com/blog/archives/2014/04/info_on_russian.html



Chinese Democracy

- All important foreign sites are cloned for the Chinese audience
- Servers MUST be located in China
- Companies are required to self-censor AND pay for censors
- 50-cent Army publishes government narrative
- Regions can be isolated from the internet without users being aware
 - Developed by Cisco, Blue Coat Systems, etc.
 - Refined by China



Most Surveilled Place On Earth



Is making a camera in the shape of a friendly animal a subtle form of propaganda?



Mouse-veillance



A crucial part of the system: "MagicBands" — bracelets equipped with Radio Frequency Identification (RFID) chips that "will function as room key, park ticket, FastPass and credit card."

Did you buy a balloon? What attractions did you ride and when? Did you shake Goofy's hand, but snub Snow White? If you fully use MyMagic+, databases will be watching, allowing Disney to refine its offerings and customize its marketing messages.

http://www.alternet.org/disneys-creepy-new-surveillance-tool



Mouse-veillance



- Eric Haseltine, who left his post as executive vice president of research and development at <u>Walt Disney</u> Imagineering in 2002 to become associate director for research at the NSA and then became National Intelligence Director John Negroponte's assistant director for science and technology.
- Bran Ferren, who served on advisory boards for the Senate Intelligence Committee and offered his technological expertise to the NSA and the DHS.
- If Mickey does it at "the most wonderful place on Earth" and willingly shares his biometrics secrets with the government

Read more: http://www.businessinsider.com/this-is-how-we-know-that-the-shocking-revelations-about-trapwire-spying-are-true-2012-8#ixzz3GyZqGHk3



Next Steps

- EDUCATE yourself and the young people in your life on the REALITY of privacy
- LOBBY your elected officials and others to DEFEND your 1st, 4th & 5th Amendment rights (US) or EU Human Rights
- Review your foreign travel technology plans
- 4. JOIN the EFF
- Adopt the Canadian/PIPEDA Approach
- Demand a LEMON LAW for Software



Final Thoughts

In every generation, a new King John; a new Khruschev and a new Solzhenitsyn is born. It's OUR job as citizens to DEFEND the rights given to us by our respective constitutions and DEMAND that they be conferred on our WEAKEST citizens, not just the strongest or the wealthiest.

Privacy is a human right....not a luxury



Contact Information

Raj Goel, CISSP

Chief Technology Officer

Brainlink International, Inc.

C: 917-685-7731

raj@brainlink.com

www.RajGoel.com

www.linkedin.com/in/rajgoel

@rajgoel_ny

Author of "The Most Important Secrets To Getting Great Results From IT"

http://www.amazon.com/gp/product/0984424814

