

HACKING IS CHILD'S PLAY, LITERALLY!



Reuben Paul

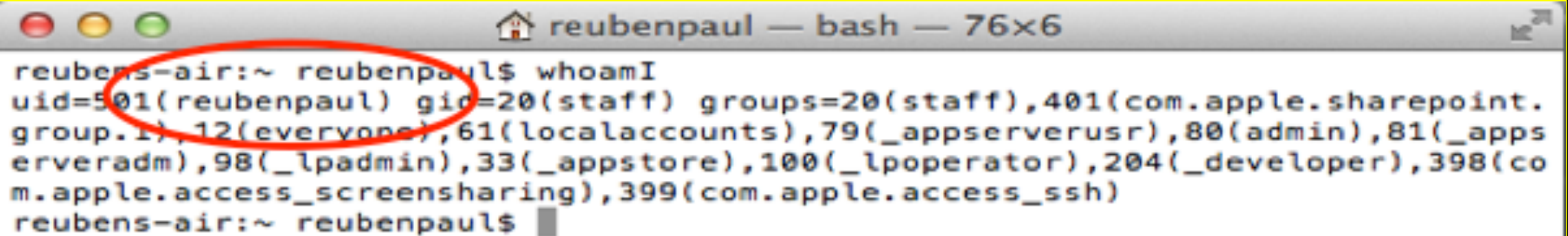


AGENDA

- ***Introduction***
- Hacking is Child's Play, Literally!
- Demo
- Closing Thoughts



whoami



```
reubens-air:~ reubenpaul$ whoami
uid=501(reubenpaul) gid=20(staff) groups=20(staff),401(com.apple.sharepoint.
group.1),12(everyone),61(localaccounts),79(_appserverusr),80(admin),81(_apps
erveradm),98(_lpadmin),33(_appstore),100(_lpoperator),204(_developer),398(co
m.apple.access_screensharing),399(com.apple.access_ssh)
reubens-air:~ reubenpaul$
```

- Reuben Abishai Paul (@RAPst4r)
- 11 years old
- Kelly Lane Middle School, Texas



#OSSummit



CYBERSECURITY JOURNEY

14 – Security conferences
05 – International conferences
12 – Keynotes
05 – Standing ovations
Several Press and Media mentions



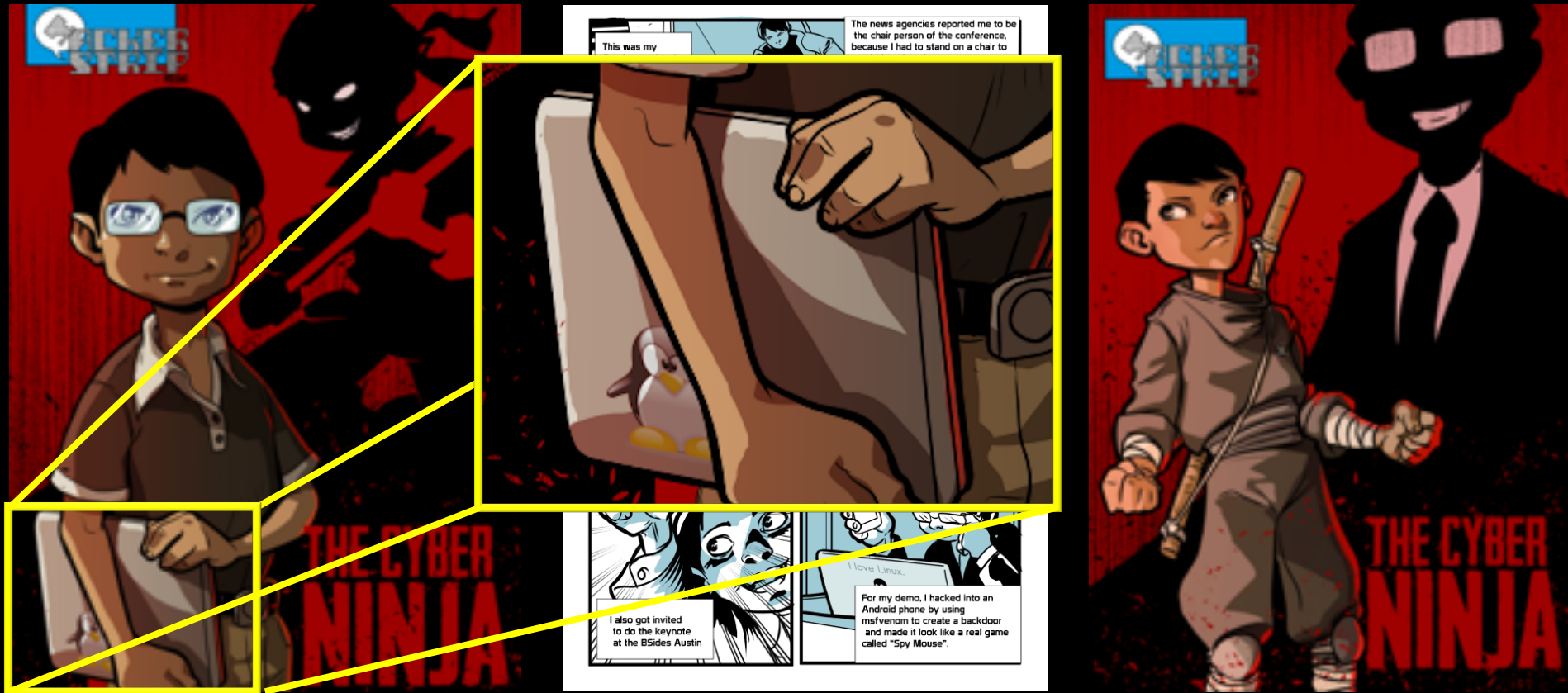
CHILD HACKER / KUNG FU KID



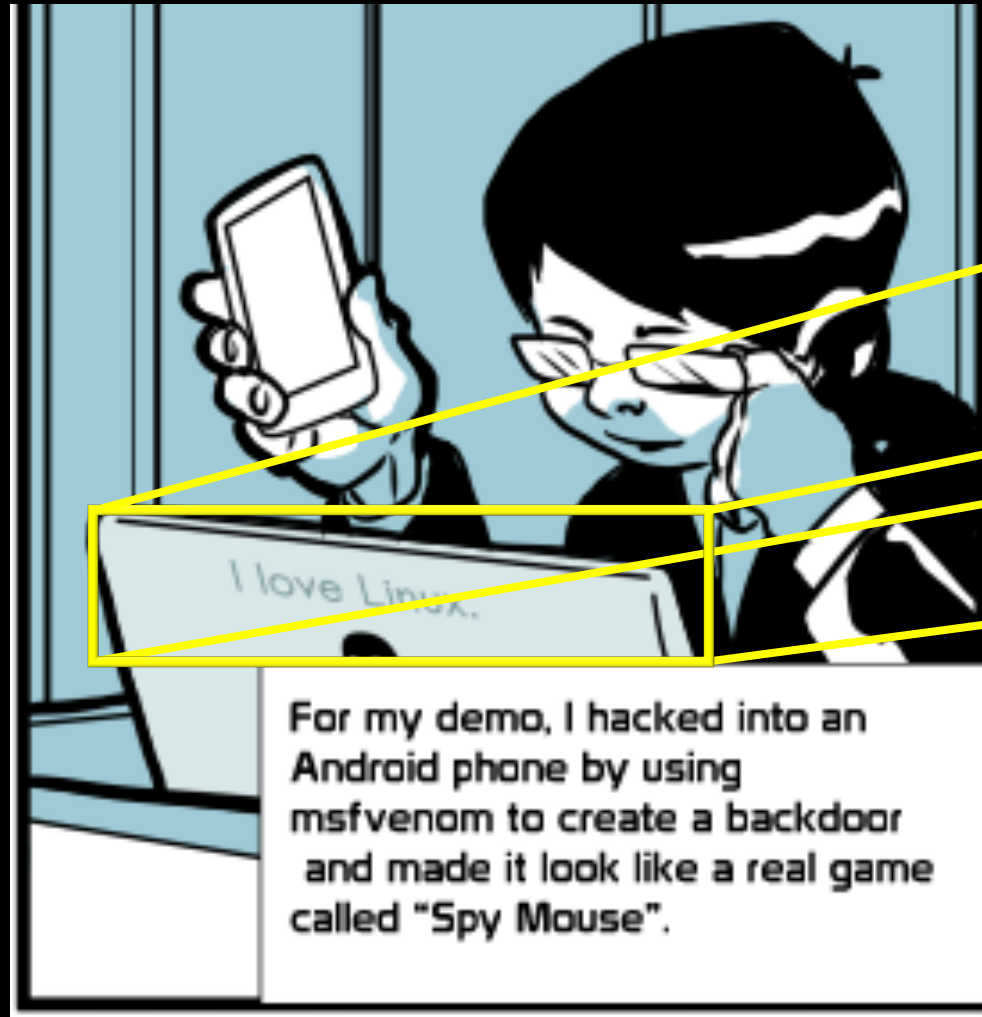
CYBER SPY – MY AMBITION



THE CYBER NINJA



OH YES - LINUX



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HACKING



A HACKER IS ...



BETTER THINGS ALWAYS

“The Hacker Way is an approach to building that involves continuous improvement and iteration. Hackers believe that something can always be better, and that nothing is ever complete.”

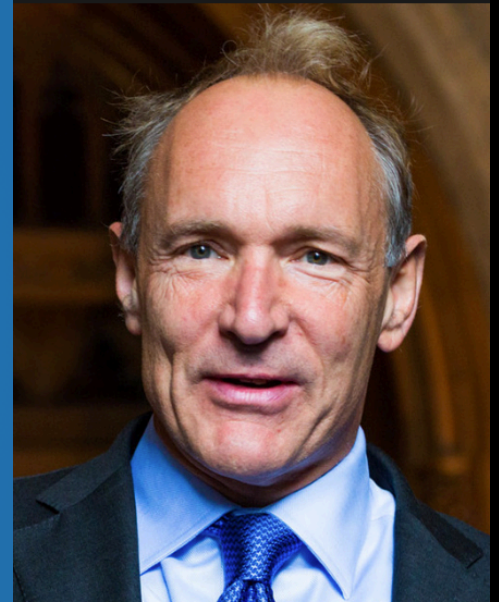


Mark Zuckerberg



CREATIVE DOER

“A hacker to me is someone creative who does wonderful things.”



Sir Tim Berners Lee



CHILD'S PLAY

Merriam-Webster SINCE 1828

JOIN MWU | GAMES | BROWSE THESAURUS | WORD OF THE DAY | VIDEO

child's play

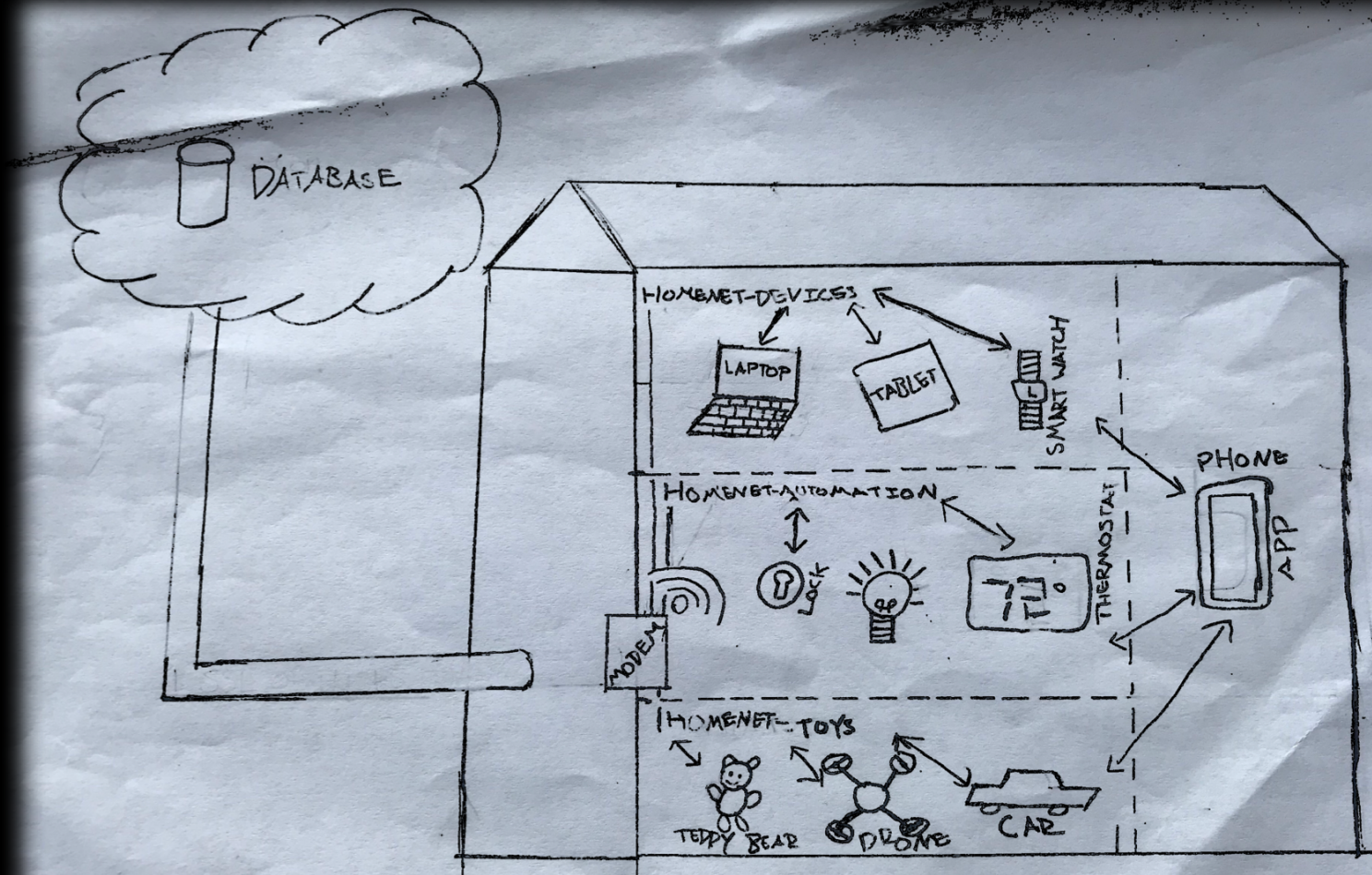
DICTIONARY THESAURUS

Definition of CHILD'S PLAY

1 : an extremely simple task or act



CONNECTED SANS CONTROL





AUTONOMOUS KILLING MACHINE



TED-DY TALK/HACK



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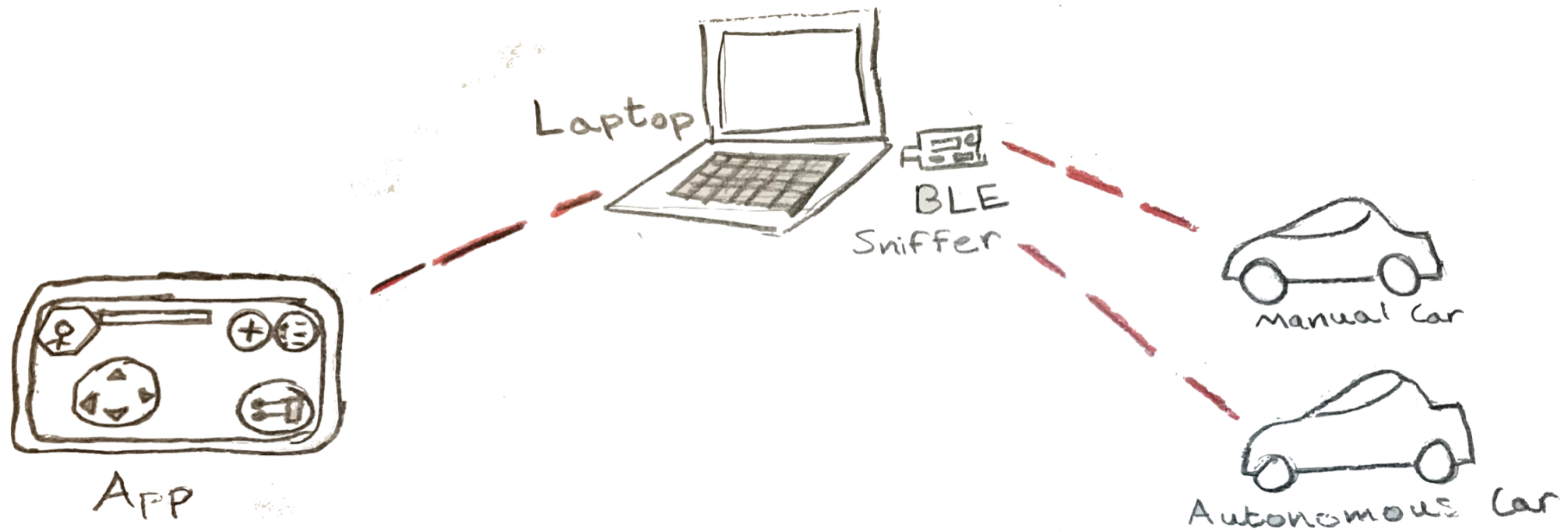
MEET R.E.V



NEXT GEN RC BATTLE CARS
R.E.V - Robotic Enhanced Vehicles built for battle.



BLUETOOTH SNIFFING



PROXIES, PACKETS AND PWNAGE

File Edit View Go Capture Analyze Statistics Telephony Tools Internals Help

Filter: **btatt** Close this capture file Expression... Clear Apply Save

No.	Time	Source	Destination	Protocol	Length	Info
2945	92.986215000	Master	Slave	ATT	33	Rcvd Write Request, Handle: 0x0014
2949	93.035020000	Slave	Master	ATT	31	Rcvd Write Response
2950	93.054050000	Master	Slave	ATT	33	Rcvd Read Request, Handle: 0x0021
2953	93.106074000	Slave	Master	ATT	47	Rcvd Read Response, Handle: 0x0021
2954	93.142390000	Master	Slave	ATT	31	Rcvd Write Request, Handle: 0x0014
2957	93.181984000	Slave	Master	ATT	31	Rcvd Write Response
2958	93.195504000	Master	Slave	ATT	33	Rcvd Read Request, Handle: 0x0021
2961	93.230513000	Slave	Master	ATT	31	Rcvd Write Response
2962	93.243416000	Master	Slave	ATT	33	Rcvd Read Request, Handle: 0x0021
2965	93.275313000	Slave	Master	ATT	47	Rcvd Read Response, Handle: 0x0021
2966	93.297561000	Master	Slave	ATT	31	Rcvd Write Request, Handle: 0x0014
2969	93.329779000	Slave	Master	ATT	31	Rcvd Write Response
2970	93.351018000	Master	Slave	ATT	33	Rcvd Read Request, Handle: 0x0021
2973	93.378461000	Slave	Master	ATT	47	Rcvd Read Response, Handle: 0x0021

Frame 2953: 47 bytes on wire (376 bits), 47 bytes captured (376 bits) on interface 0

Nordic BLE sniffer meta

Bluetooth Low Energy

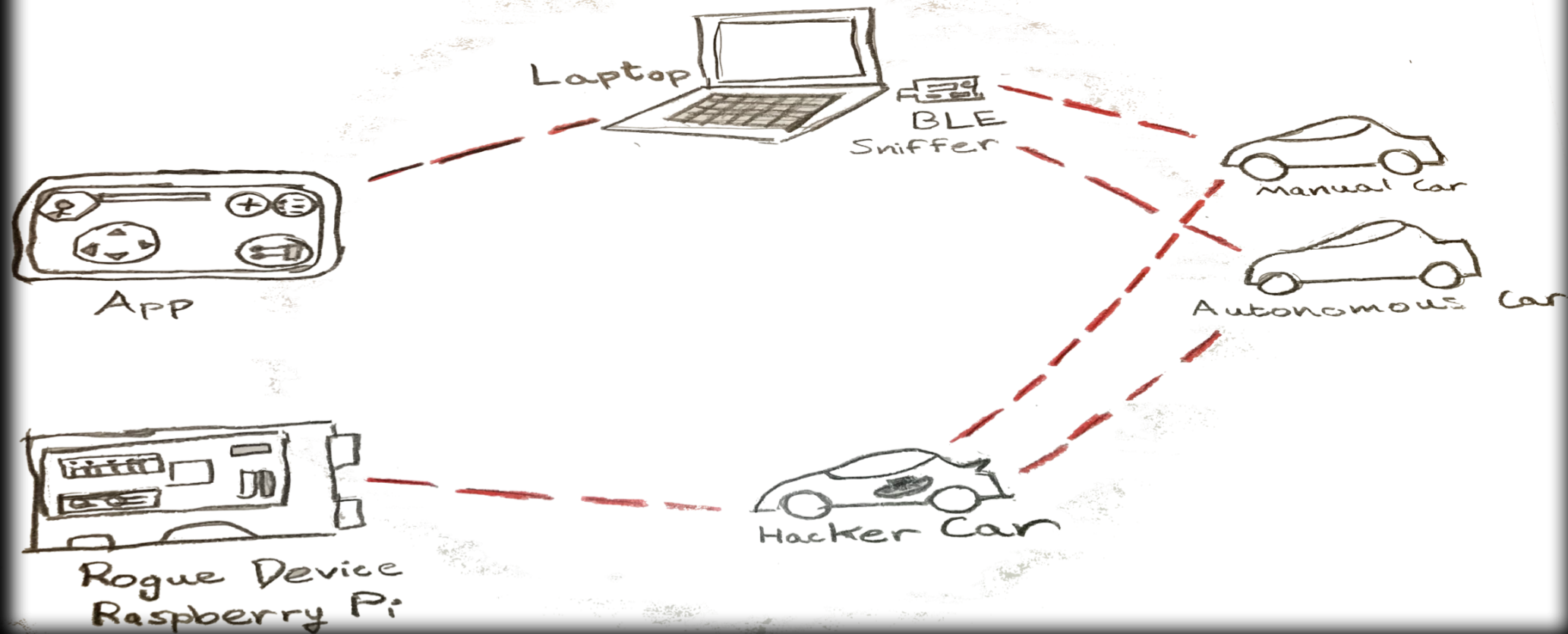
Bluetooth Attribute Protocol

Opcode: Read Response (0x0b)

Value: 5245562d31303830340000000000000000



RPI IN THE MIDDLE (RPITM)



NUF' SAID

Live Demonstration



EXPLOITED

MEET R.E.V

R.E.V.TM
ROBOTIC ENHANCED VEHICLES



Intelligence can be dangerous.



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CYBER AND SHAOLIN

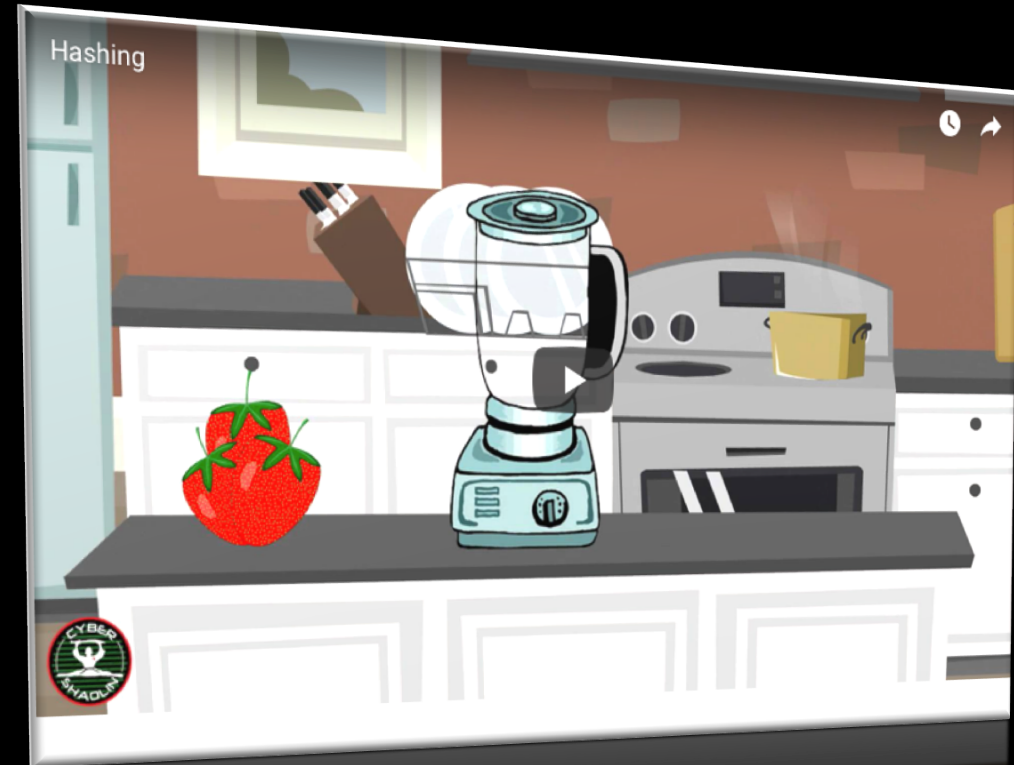


"Reuben, I want to be like you"
"Reuben, can you teach me to hack"
"Reuben, can you Teach me!"



CYBERSHAOLIN

- Non-Profit 501 (c) 3 Organization
- Teach Kids/Adults
 - Cyber Dangers & Cyber Defenses
- Simplify Security
- Digital Blackbelt Program
- Get involved
 - Volunteer
 - Donate



<http://www.cybershaolin.org/get-involved/>



LET'S GET REAL & PERSONAL



CLOSING THOUGHT

“Let IoT not become the Internet of Threats”

“Hacking should NOT be Child’s Play, Literally!”



Reuben Paul aka 'RAPst4r'

January 20, 2006 - ...



THANK YOU / CONT@CT

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- @RAPst4r
- @CyberShaolin

