

Hardware Hacking

for



by Joe Grand
aka Kingpin



Learning
and
having fun.



Solving a
difficult
problem.

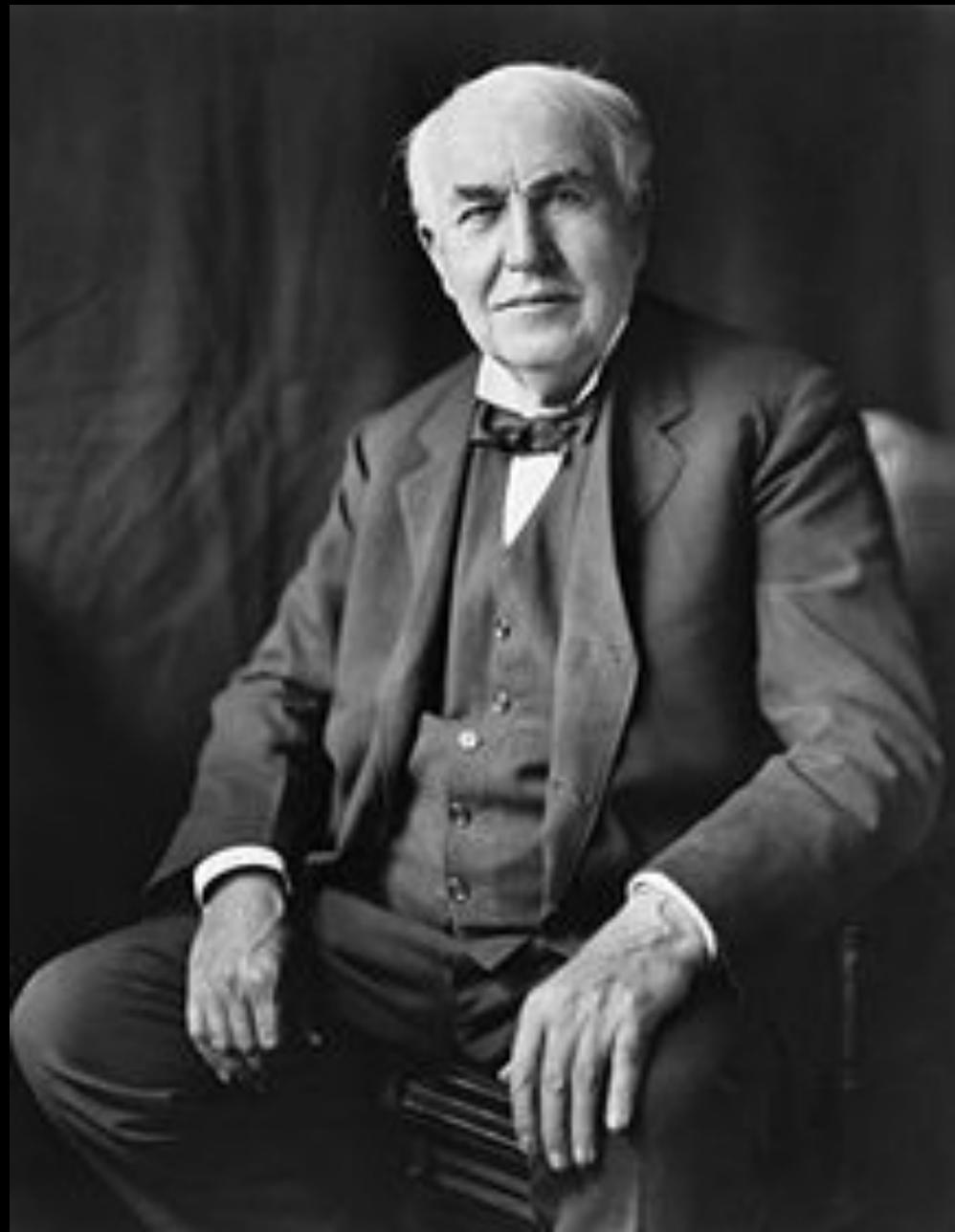


Doing something
that's never
been done
before.



Not
breaking
the
law.





Thomas Edison







Steve
"Woz"
Wozniak



Steve
Jobs

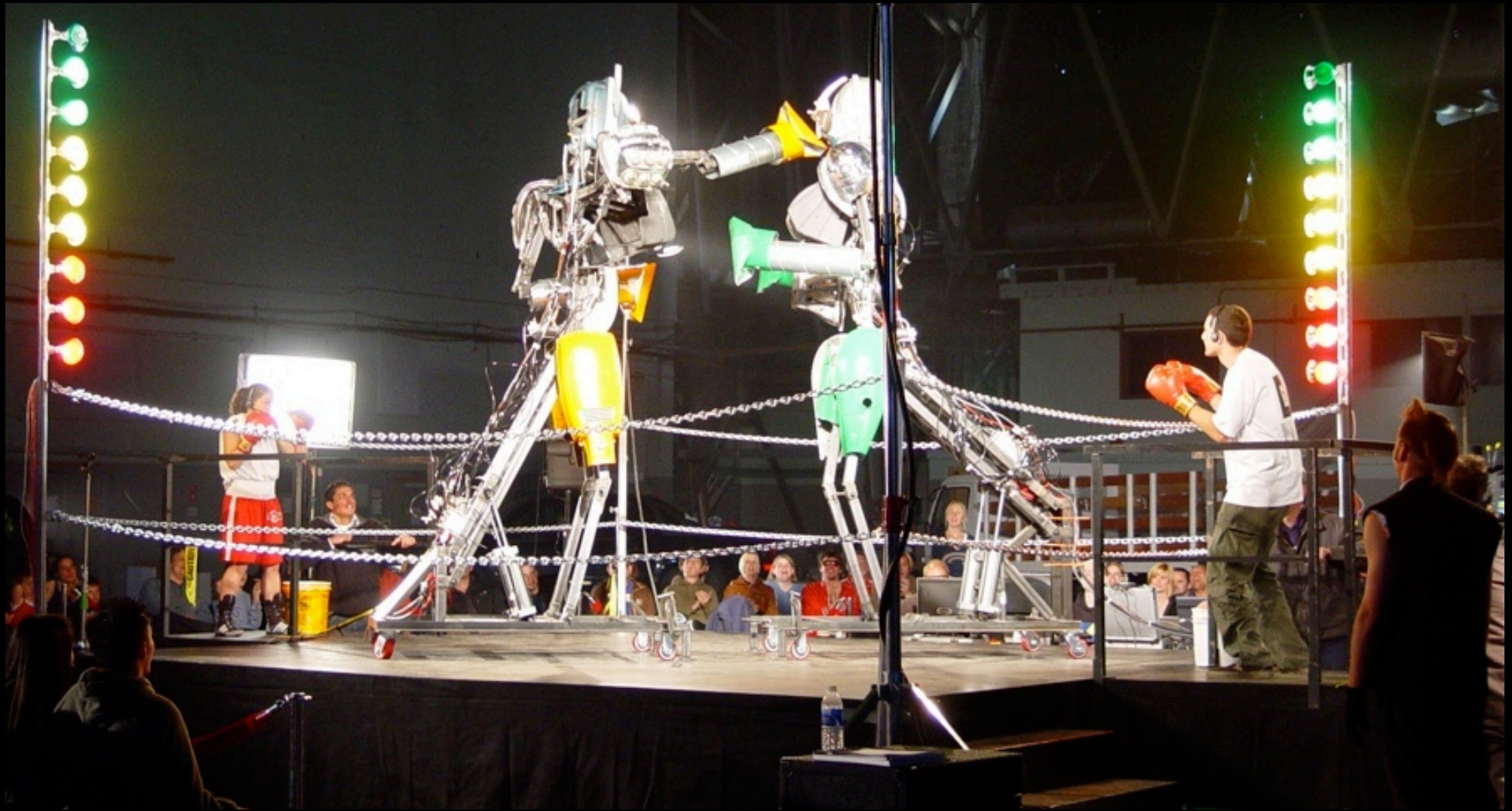




Creating Something New



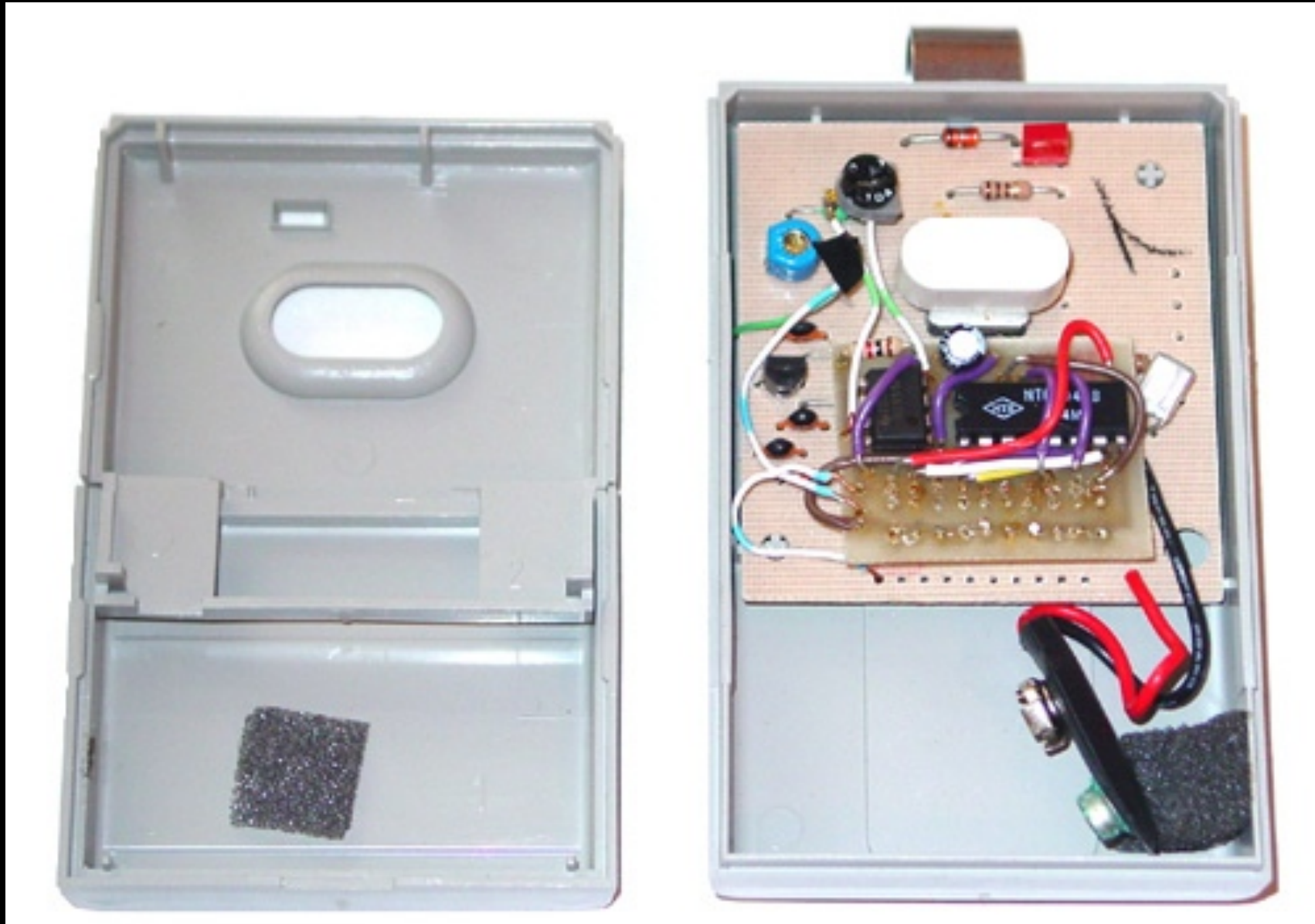
Creating Something New



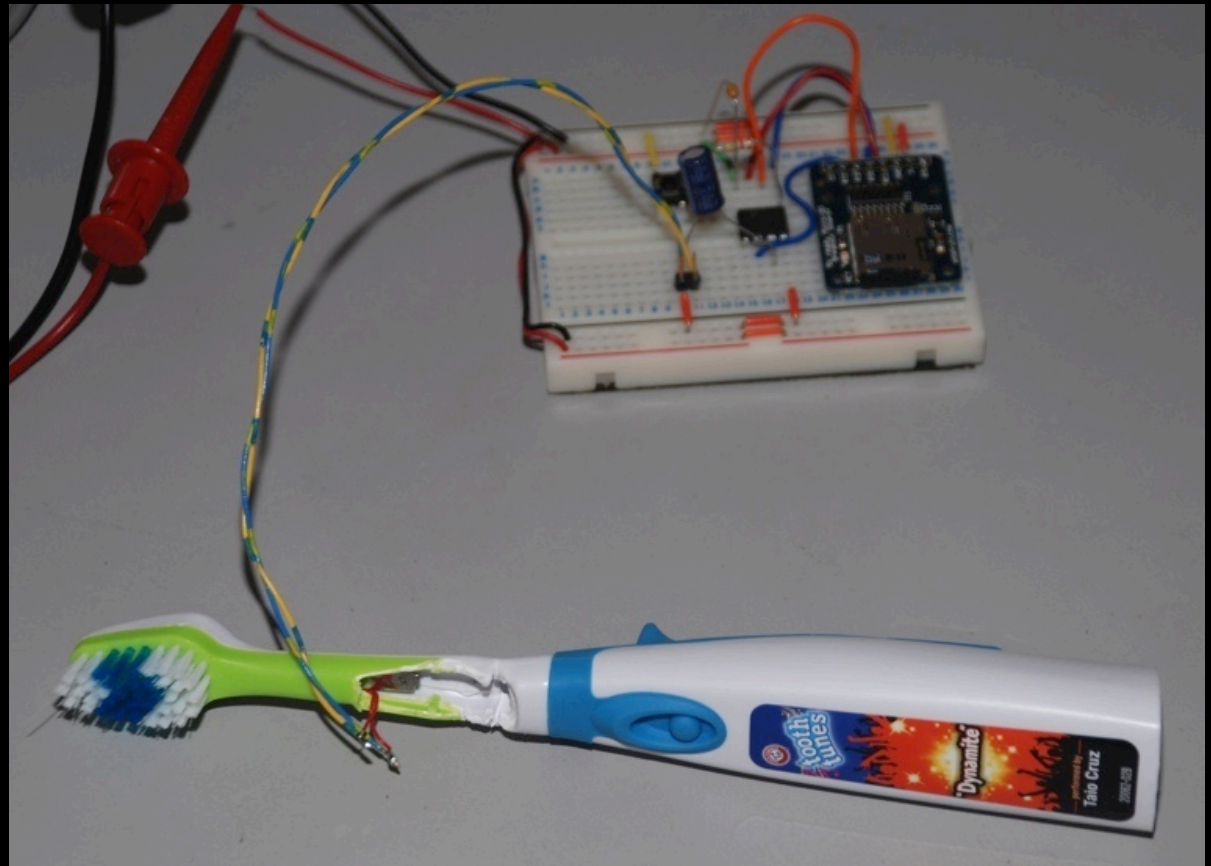
Creating Something New



Modifying Electronics



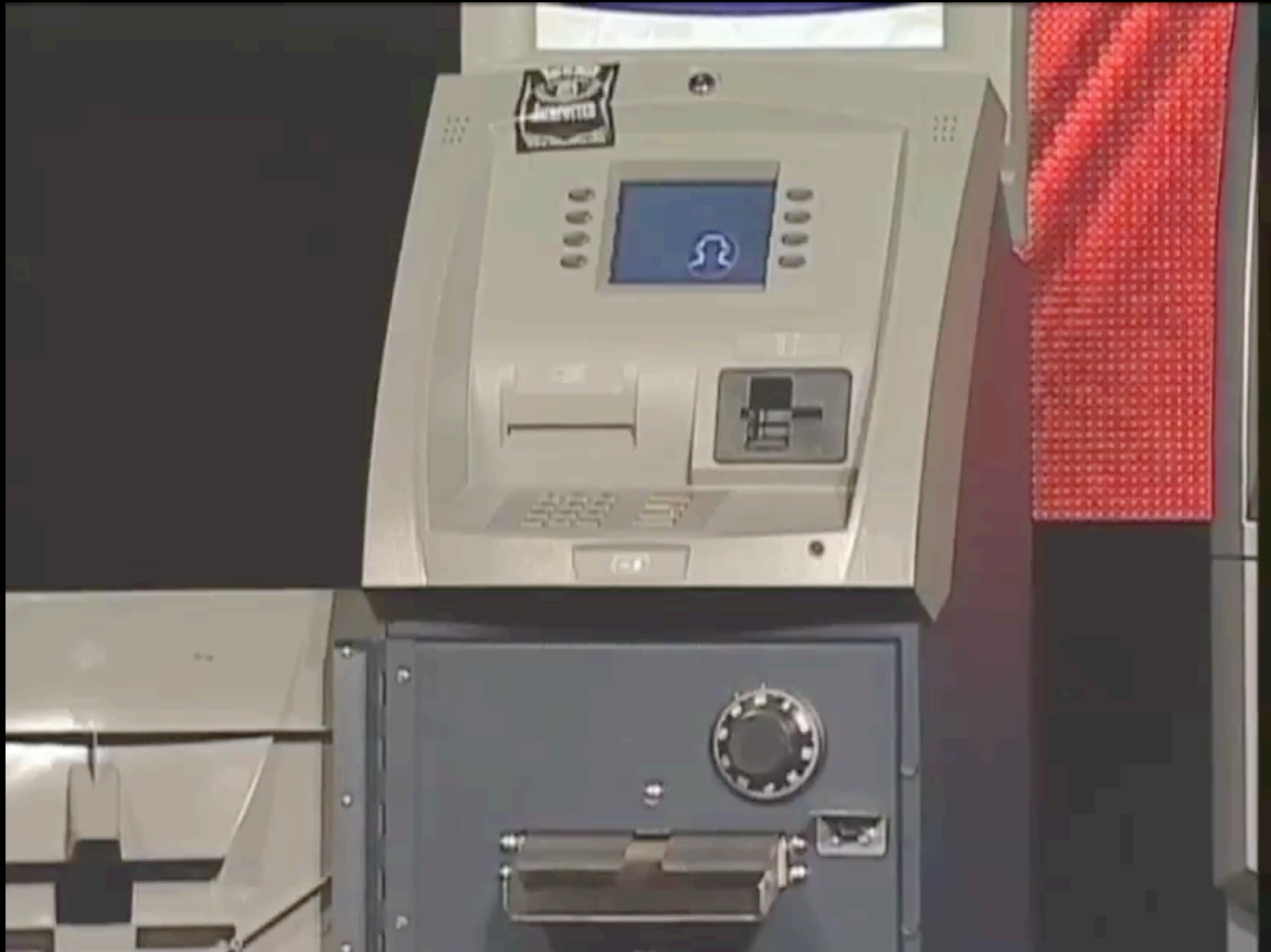
Modifying Electronics



Testing Security



Testing Security



Reusing Technology





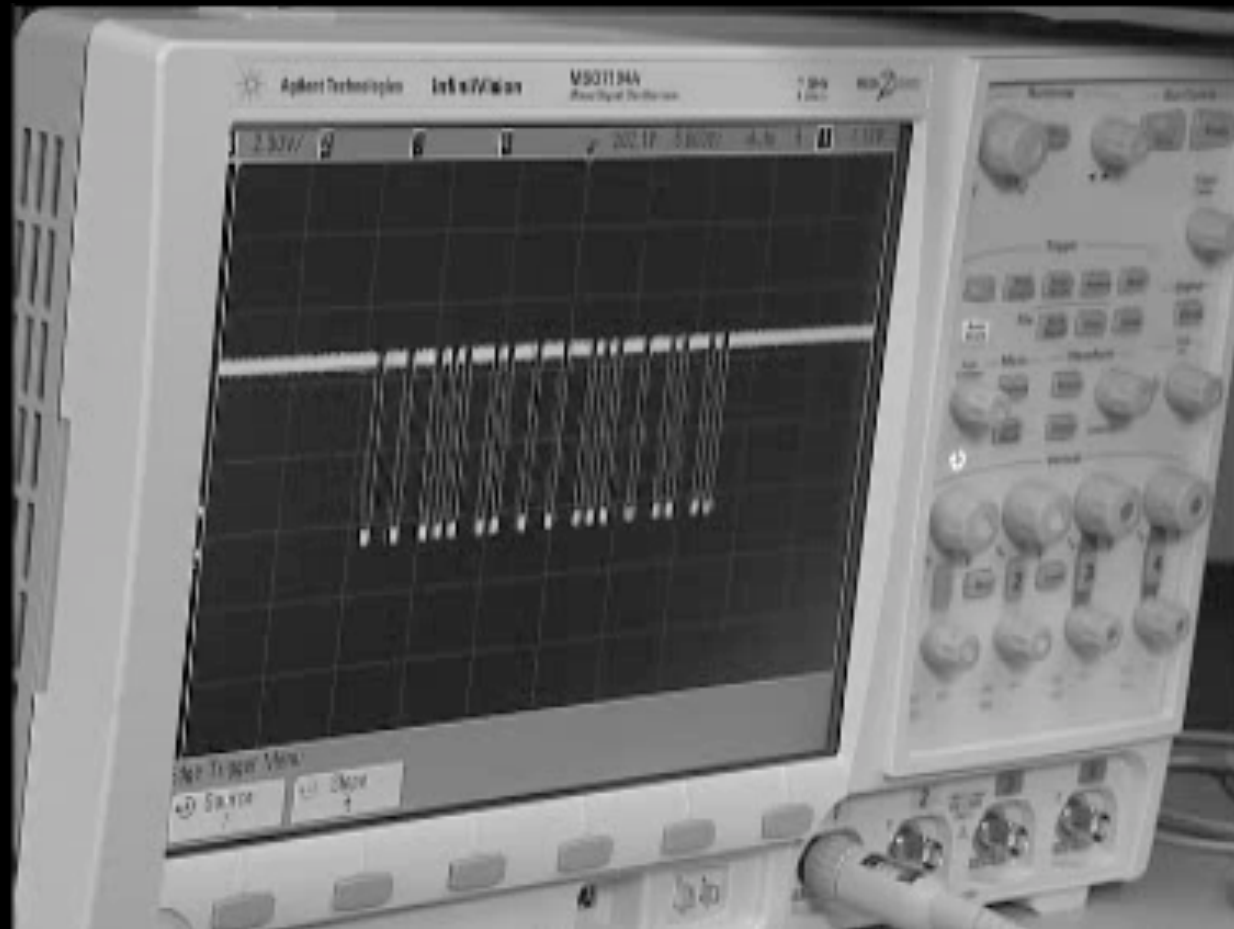
Soldering Iron





Multimeter

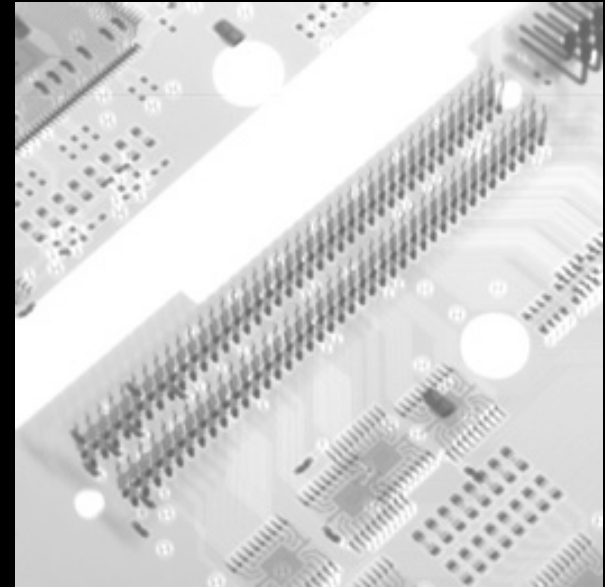
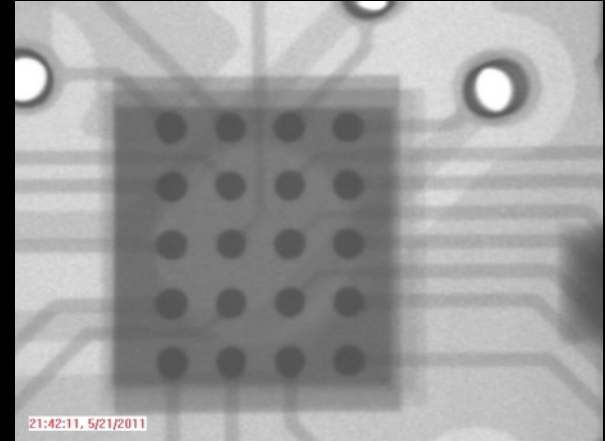
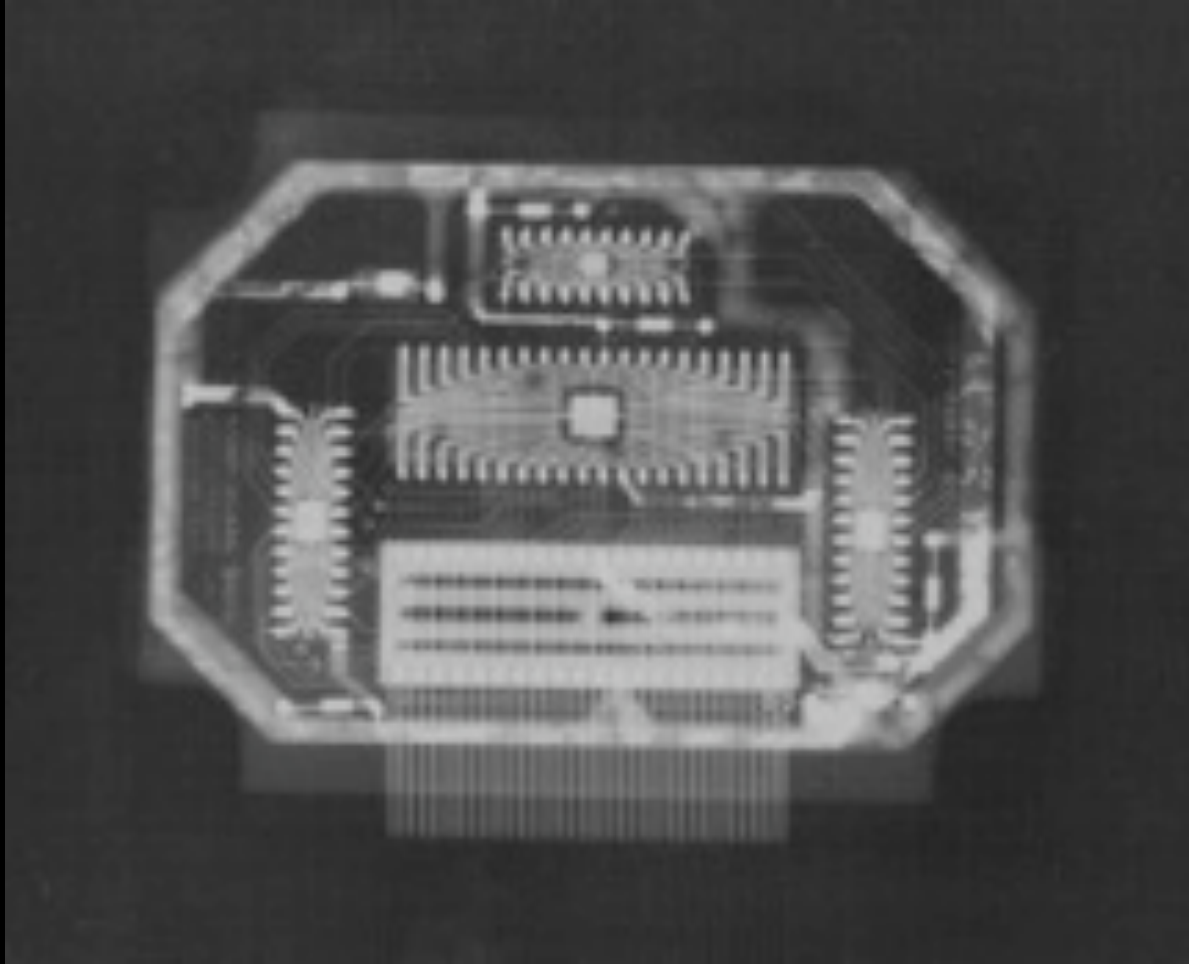




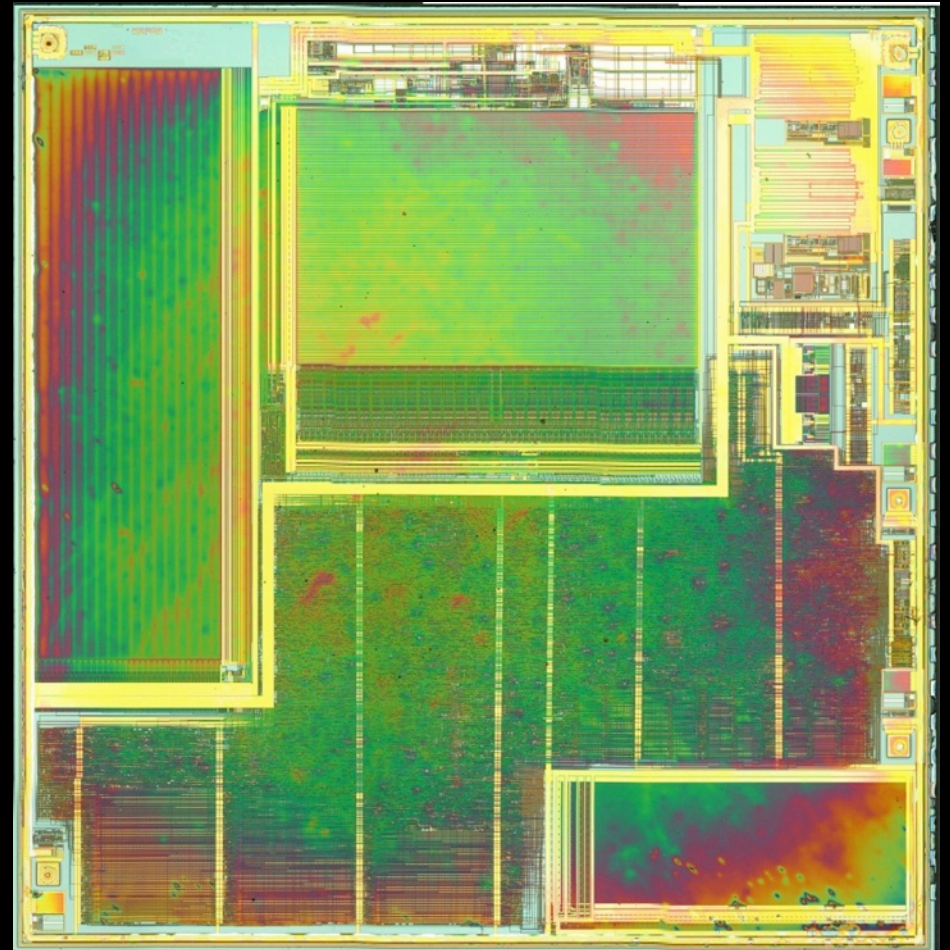
Oscilloscope



X-Ray



Chip Decapping



Open
things
up.



See
how
things
work.



Experiment.



Don't be
afraid
to
make mistakes.





You're never too young to start
hacking hardware!

