

# View of a Faire Maker Faire 2012

Dave Jaffe



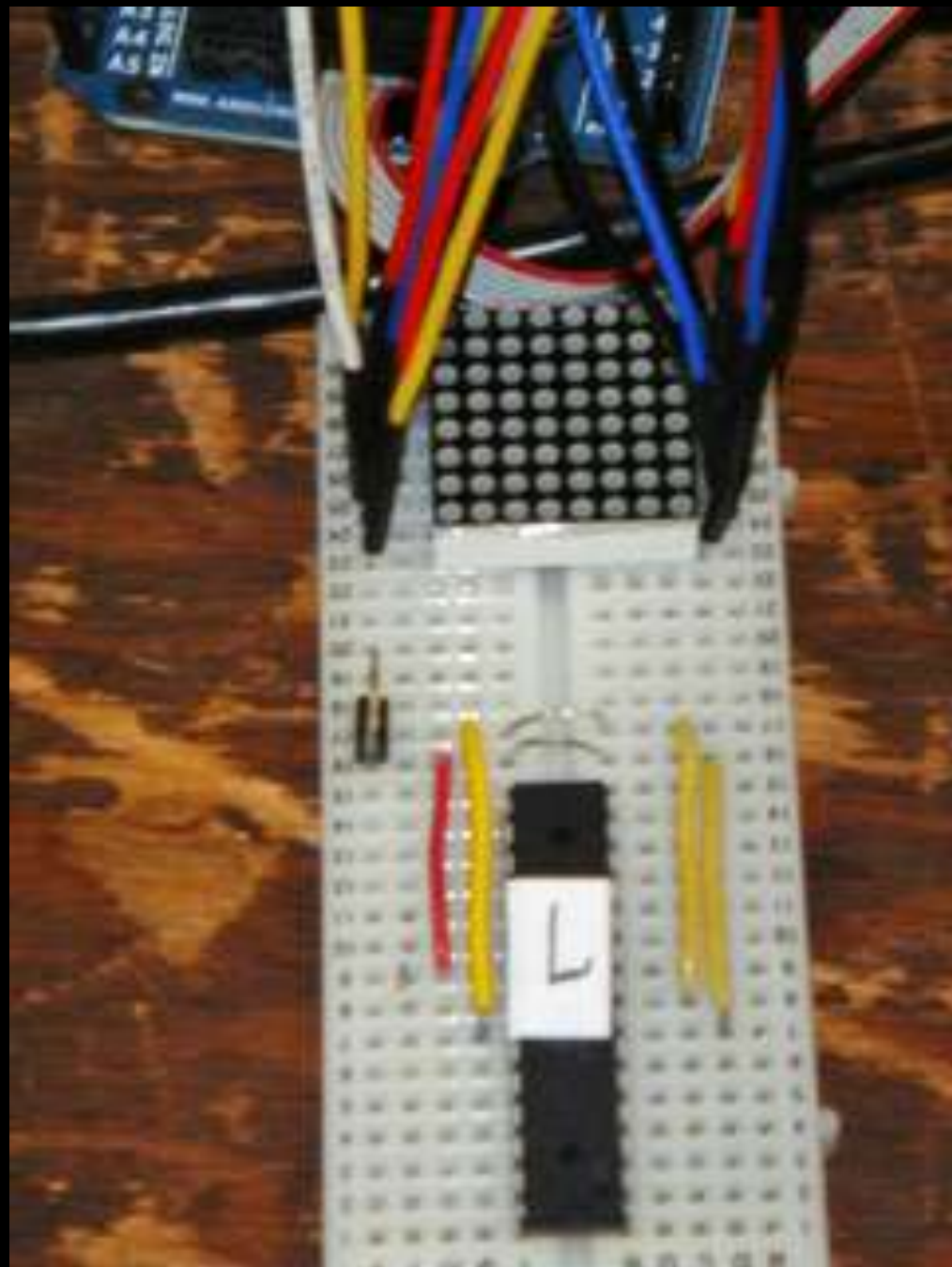




## ceForth\_328 Sketch

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- Pseudo instructions coded in C.
- Finite State Machine coded in C.
- A dictionary imported as a data array.
- The dictionary is produced by ceForth\_328 metacompiler.





**Make:**  
makezine.com





Maker Faire Bay Area 2012

## Forth for Arduino

### Silicon Valley Forth Interest Group



Forth is the simplest programming language for embedded systems including Arduino. We have a lot of Forth systems for the Arduino Board. We're teaching people to write Forth programs for applications on Arduino Boards!

#### Silicon Valley Forth Interest Group

Silicon Valley Forth Interest Group promotes the Forth programming language and its use in aerospace, military, industrial and commercial applications. The Group has been hosting monthly meetings in the San Francisco Area since 1978.

Make:  
MAGAZINE















Make



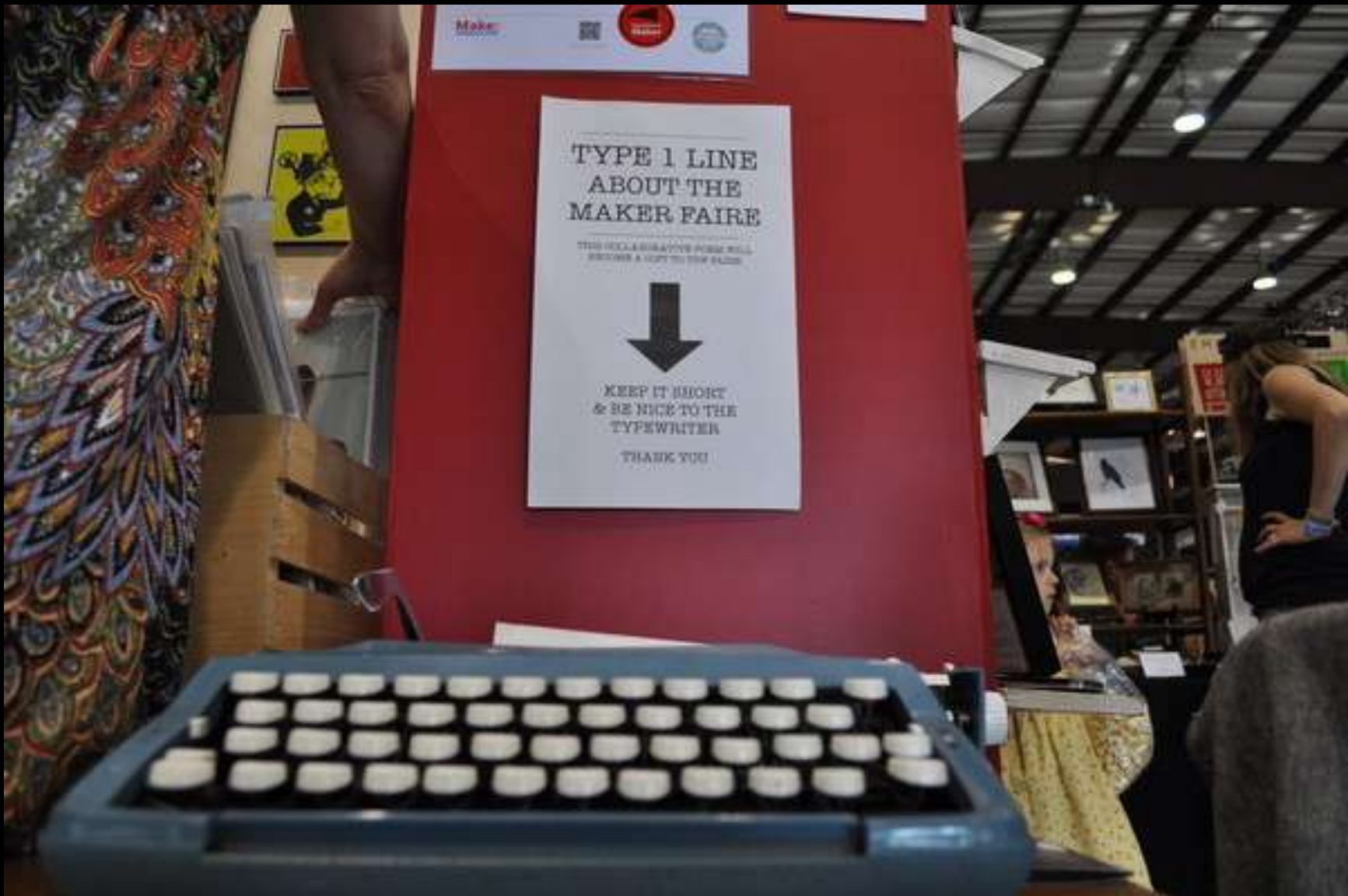
TYPE 1 LINE  
ABOUT THE  
MAKER FAIRE

THIS WILL BE A GREAT PROMPT FOR  
YOUR NEXT PROJECT

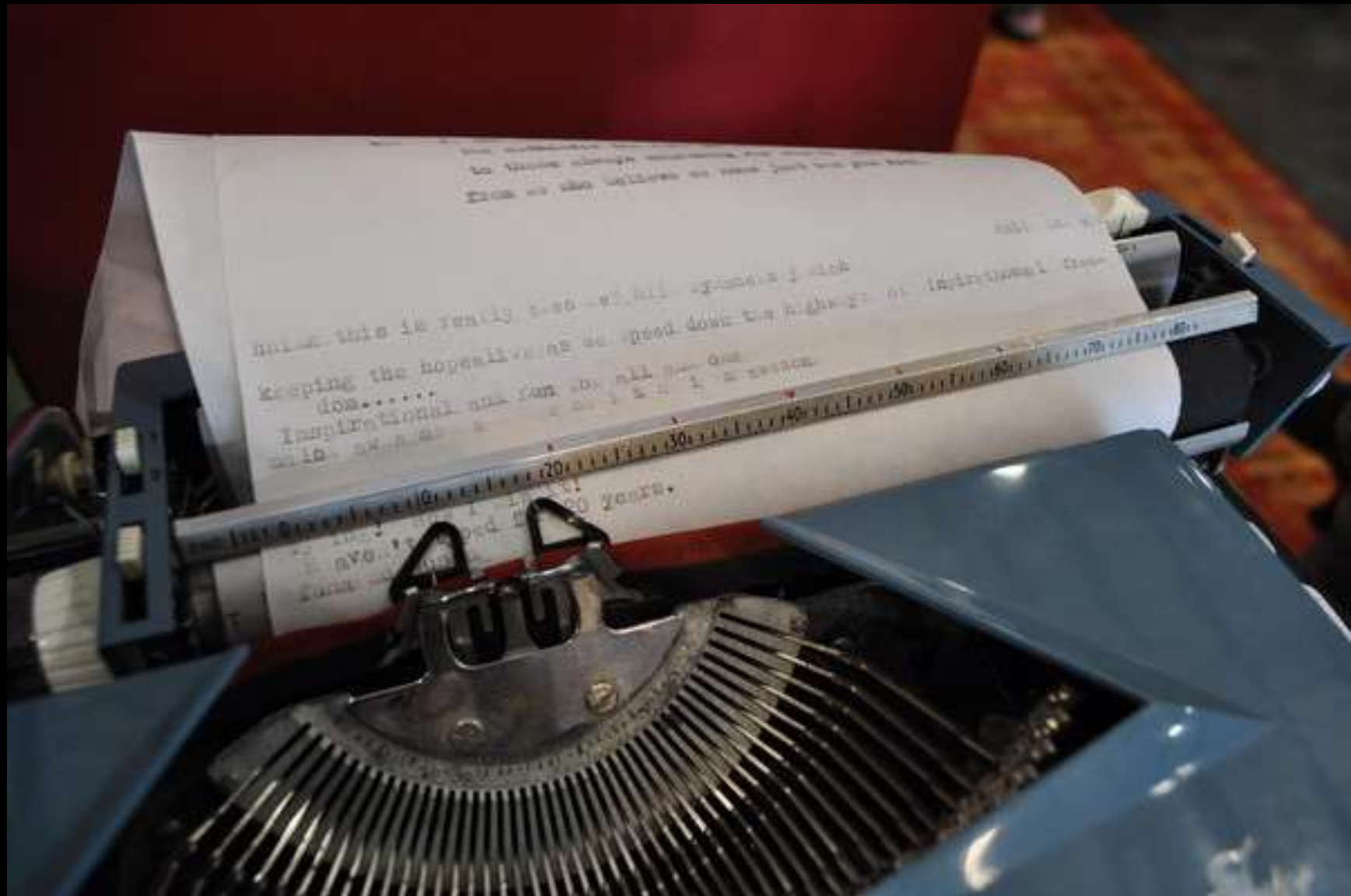


KEEP IT SHORT  
& BE NICE TO THE  
TYPEWRITER

THANK YOU





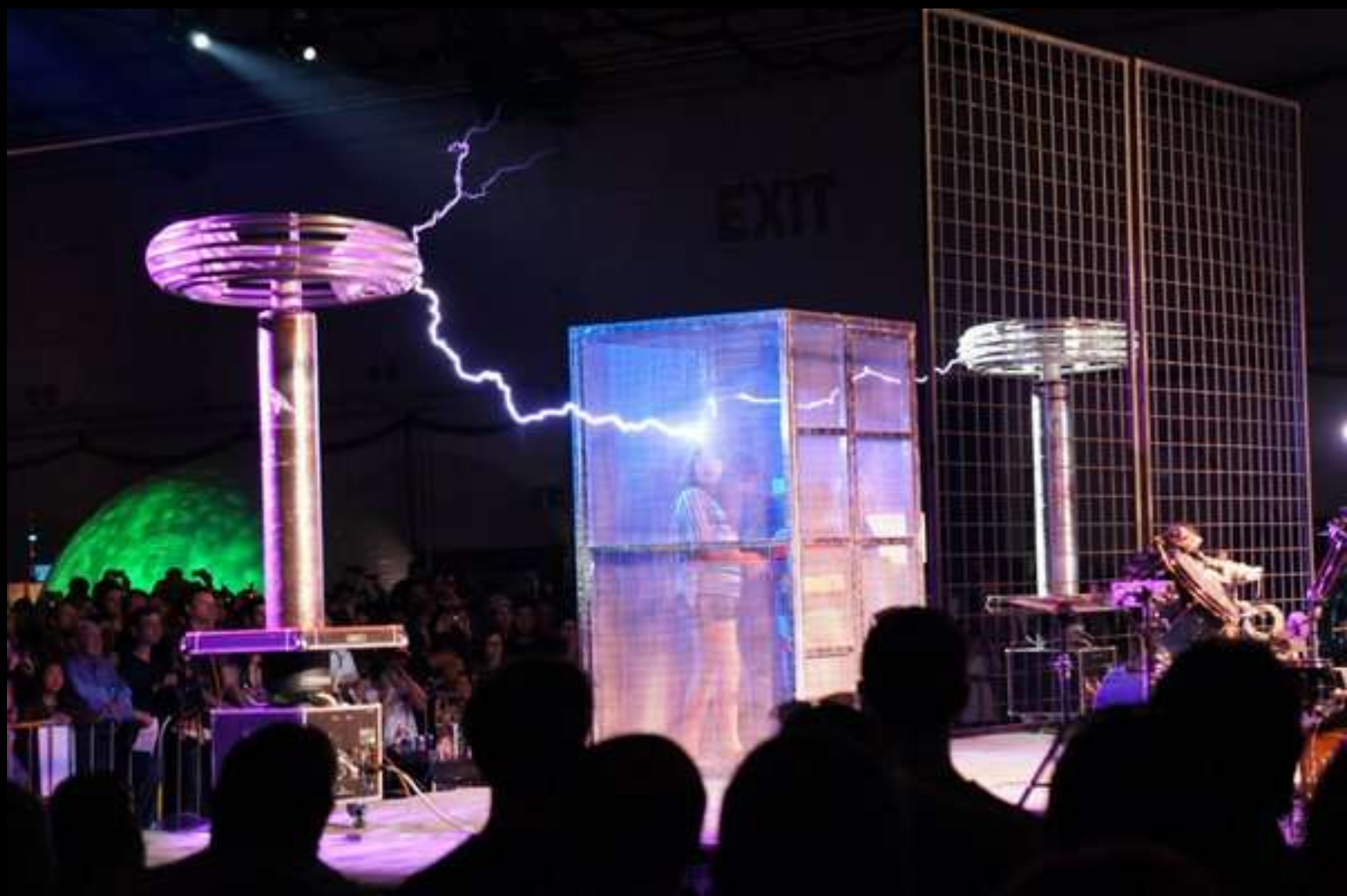


...  
to ...  
...  
... this is really ...  
keeping the hopes alive as we speed down the highways of inspirational ...  
...  
inspirational and fun ... all ...  
... 20 ... 30 ... 40 ... 50 ... 60 ... 70 ... 80 ...

... 20 years.









PhoneSat 2.0

PhoneSat 2.0 is a small satellite that can be built in a workshop or classroom. It is designed to be used for educational purposes and to demonstrate the capabilities of small satellites.

phonesat  
phone  
Satellite  
NASA - phone  
NASA - PhoneSat  
Make:  
magazine.com  
The Android platform  
COTS components



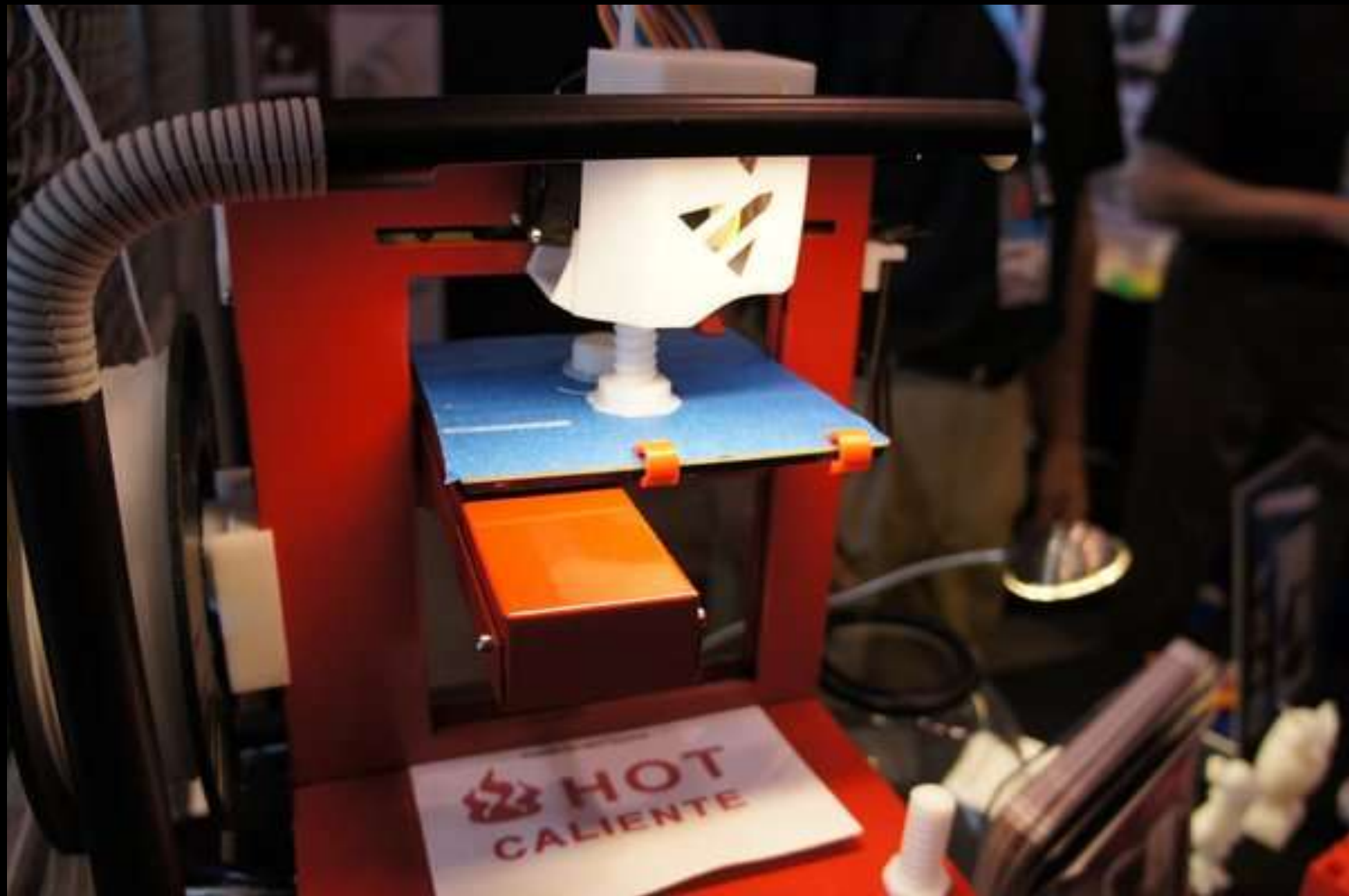












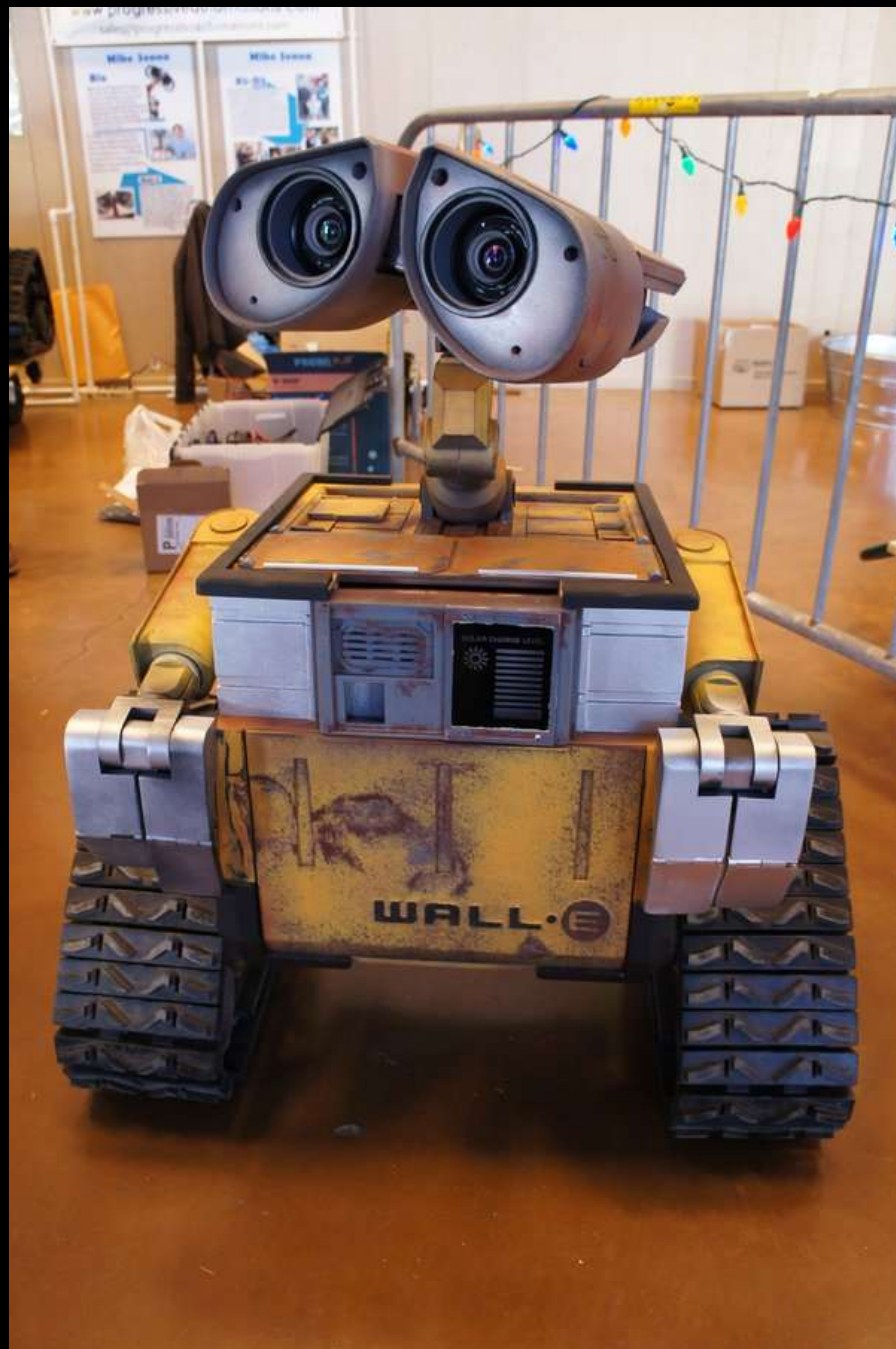


MAGIC Etch-A-Sketch<sup>®</sup> SCREEN

























FOOD COURT

TWITTER TAKEAWAY

DATE THE WEIRD

A PERMANENT SPACE FOR ARTISANS

DAVE EBBE

A MODERN RENAISSANCE

\$10 MILLIONS?

COULD YOU WANT TO MAKE THIS?

Maker



LEARN  
TO

SOLDER



Don't  
mess up!





















GE Garage





AutoDesk





TechShop



















Best. MusicBox. Ever. Even the guitar is played robotically, and the steel drum is something every robo-orchestra should have.





Flaming umbrella sculpture.



A wooden modular sculpture, assembled on the spot, is Lego-like.



End