

Making Stuff

Or, why engineering is awesome.

Jenner Hanni
Electrical Engineer at Max-Viz



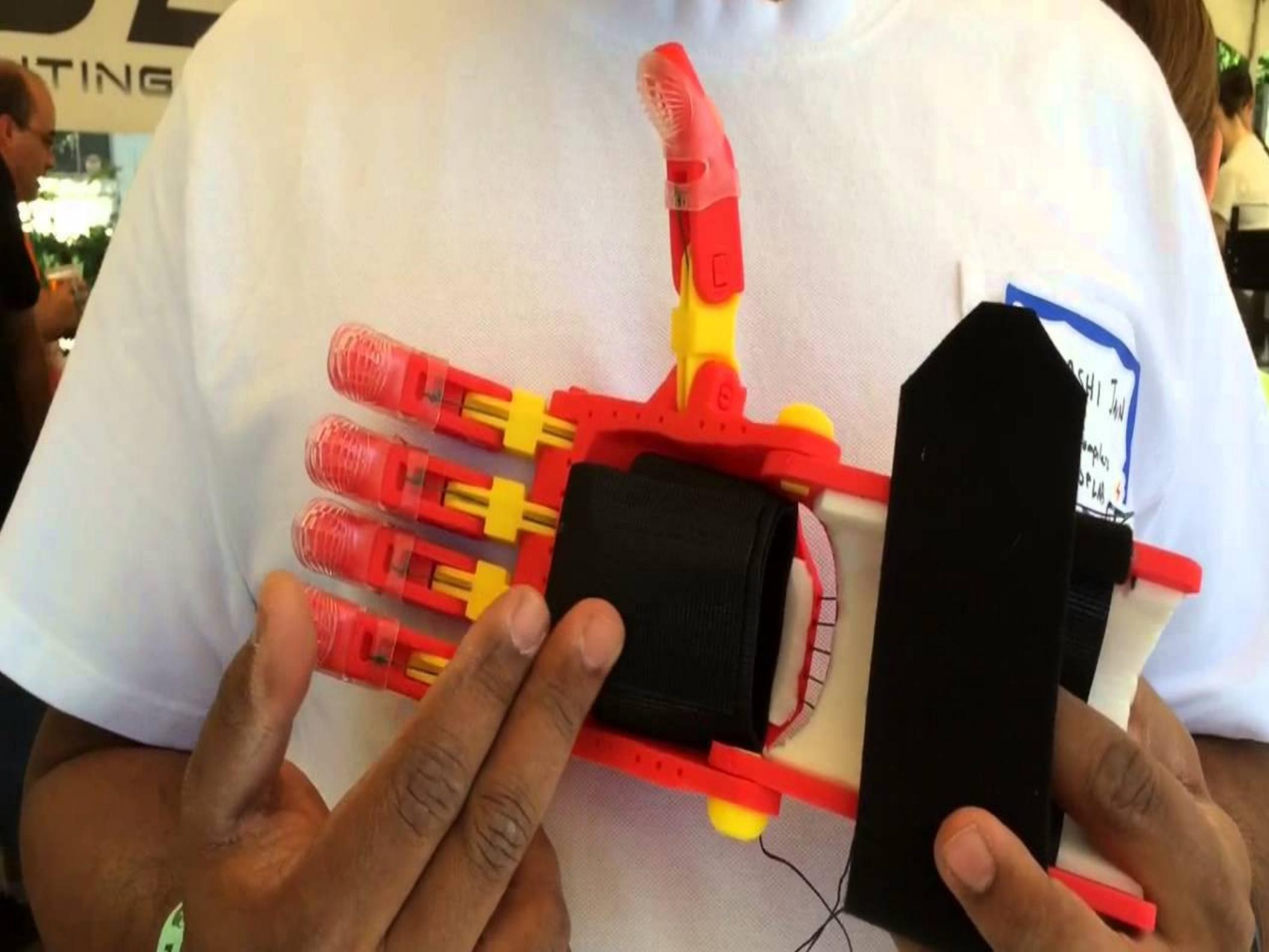












Why engineering?

Helpful

Why engineering?

Helpful

Useful

Jamey at Galois

Why engineering?

Helpful
Useful
Fun



SMACCM Pilot

Jamey at Galois

Why engineering?

Helpful
Useful
Fun
\$\$\$



SMACCM Pilot



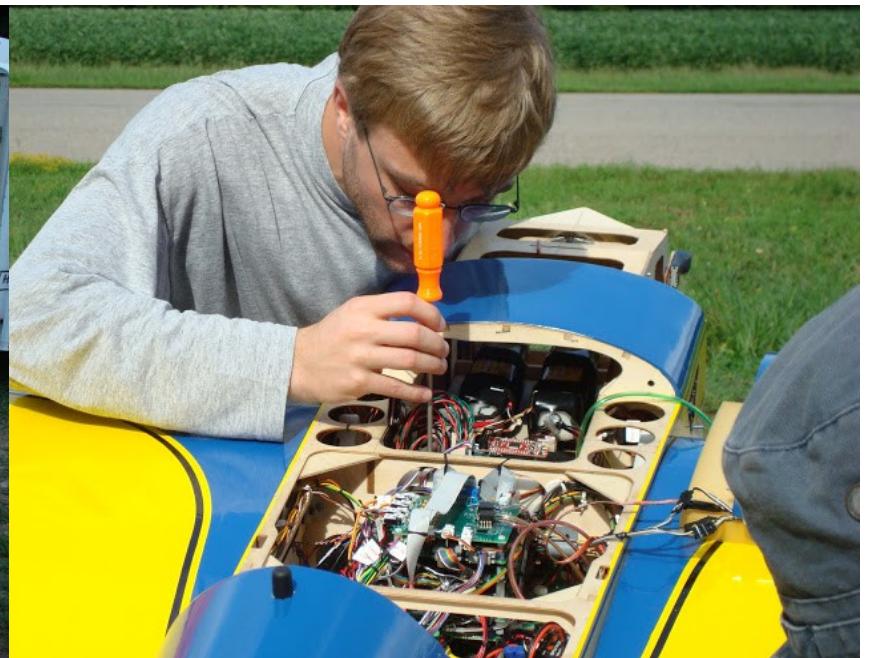
Insitu



Honeycomb

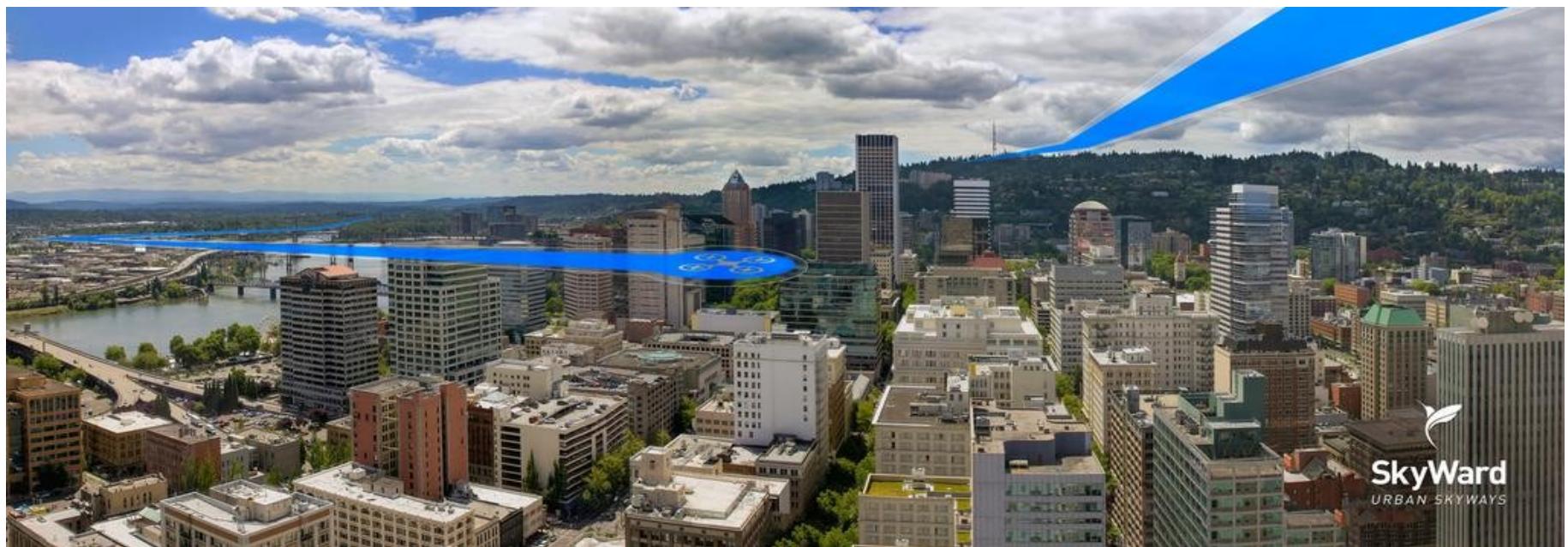


Sagetech



Galois

Skyward IO



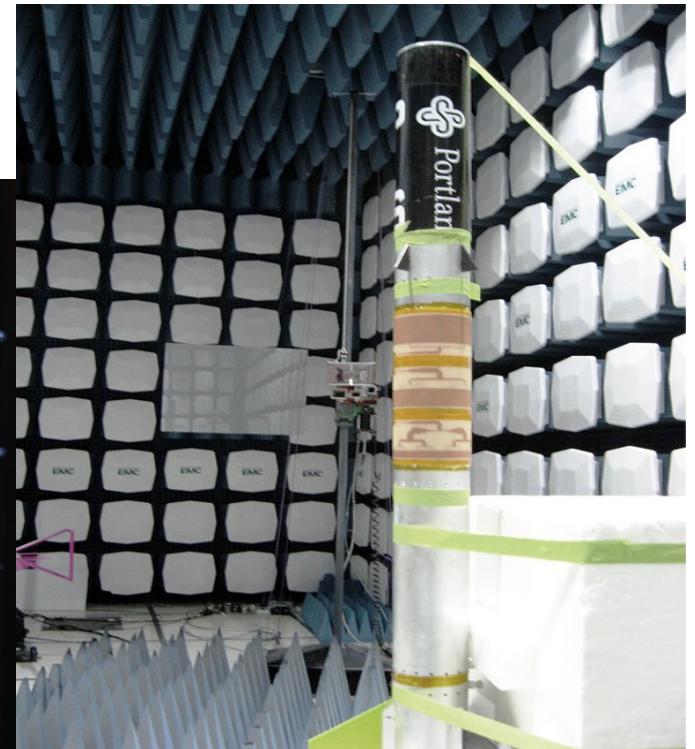
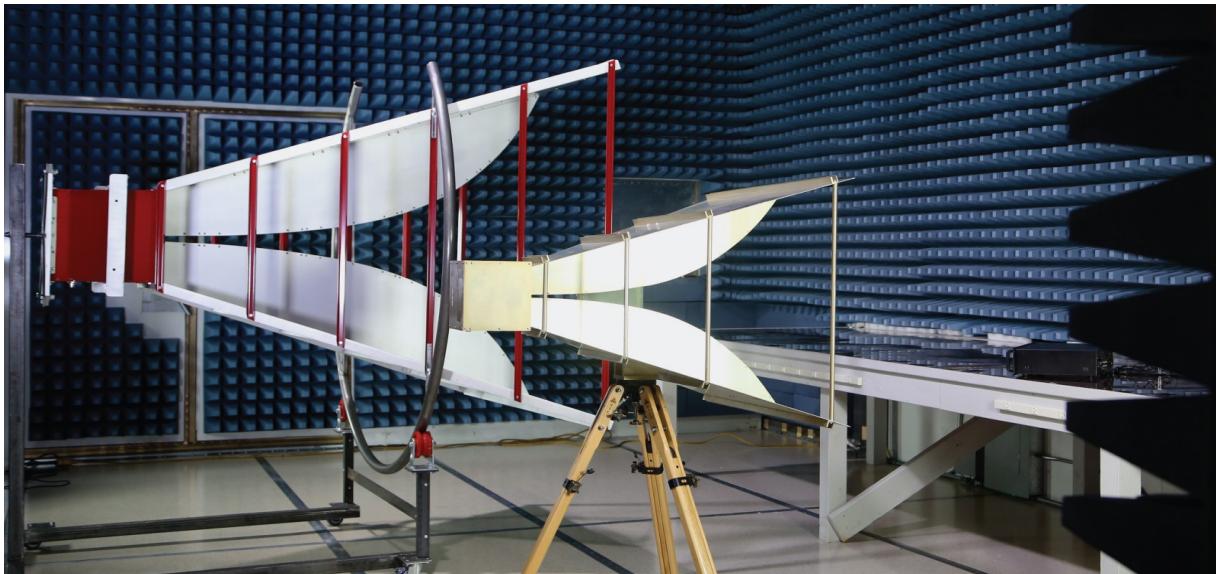
Boeing



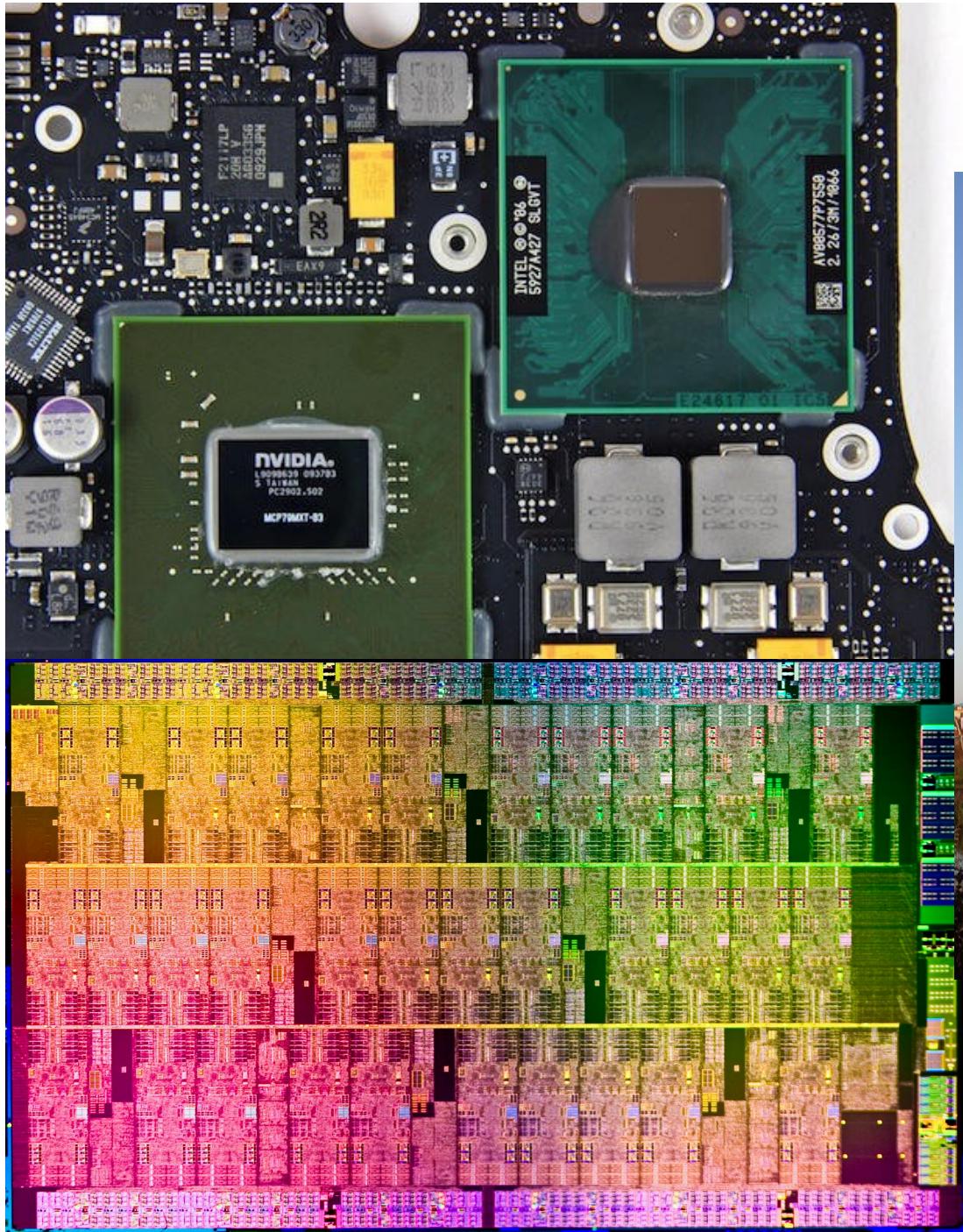
Rockwell Collins



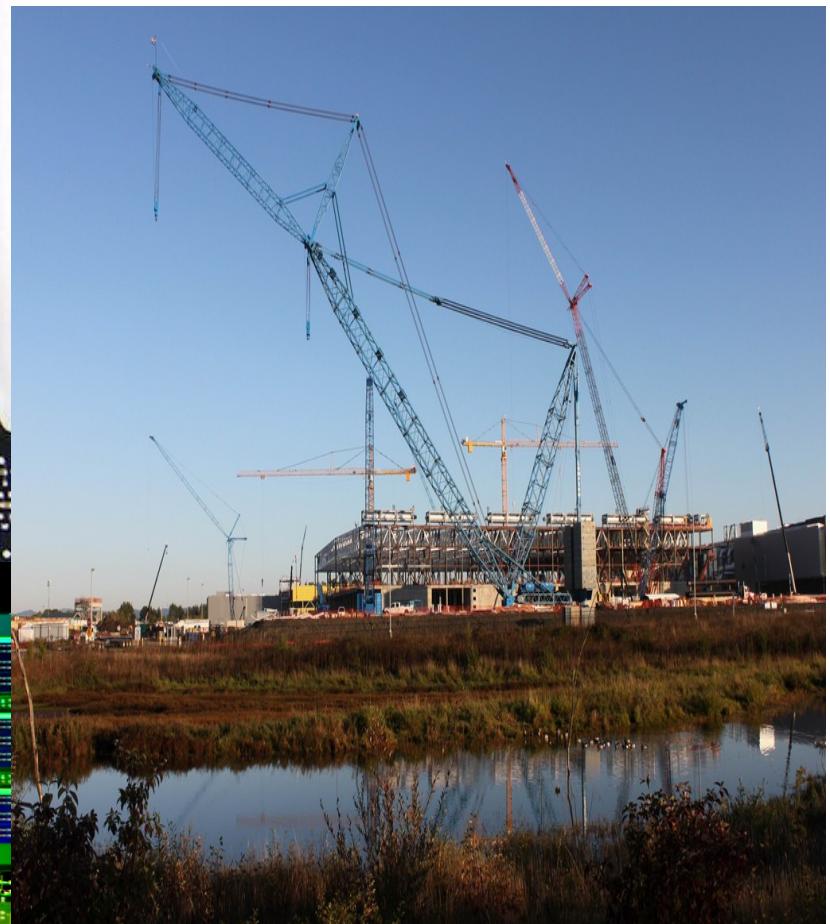
Northwest EMC

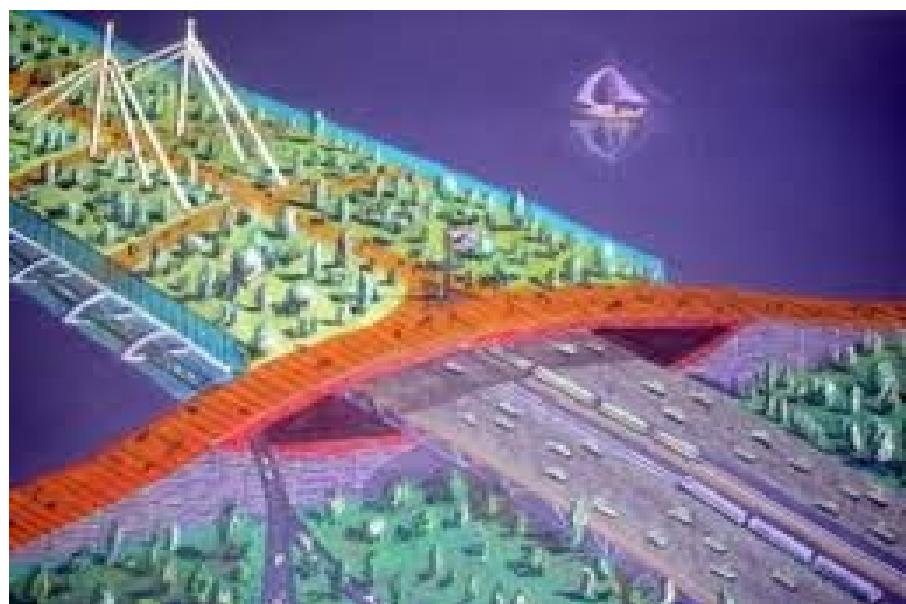


Cascade Tek



Intel





Columbia River Crossing

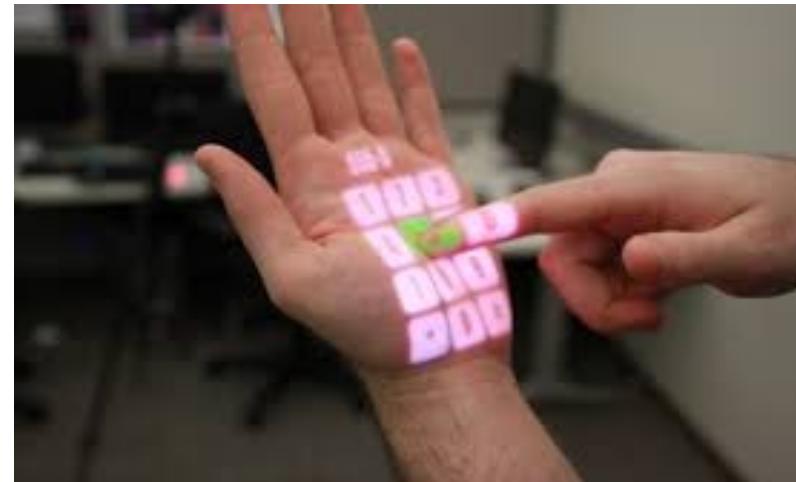


PBS Environmental and Engineering





Microsoft Research



Amazon Drone Delivery



Valve



LucidEnergy



Why not engineering?

Hard

Why not engineering?

Hard

Tedious

Why not engineering?

Hard

Tedious

Lots of school

Why not engineering?

Hard

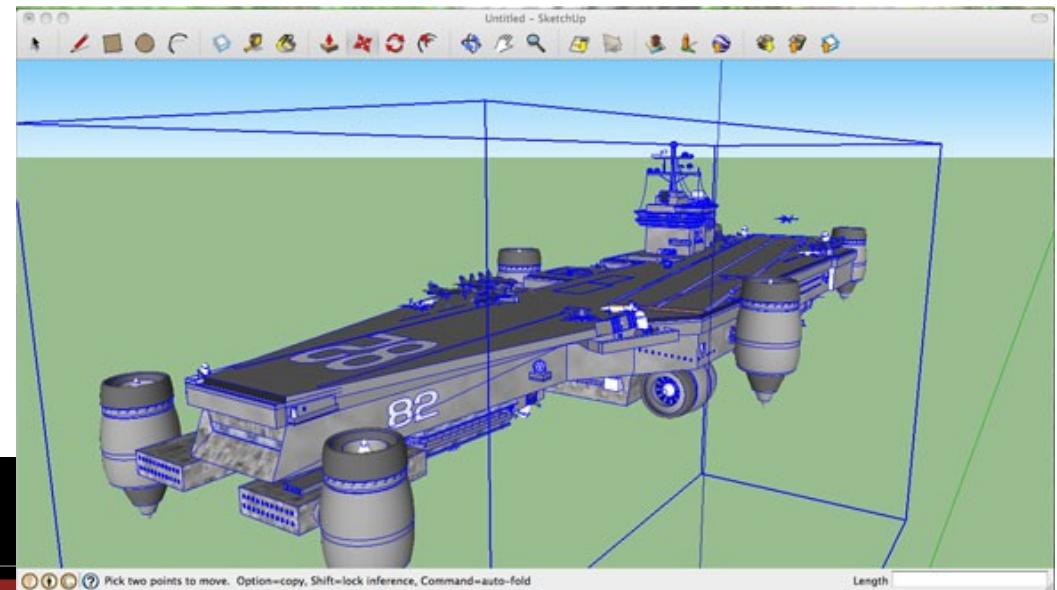
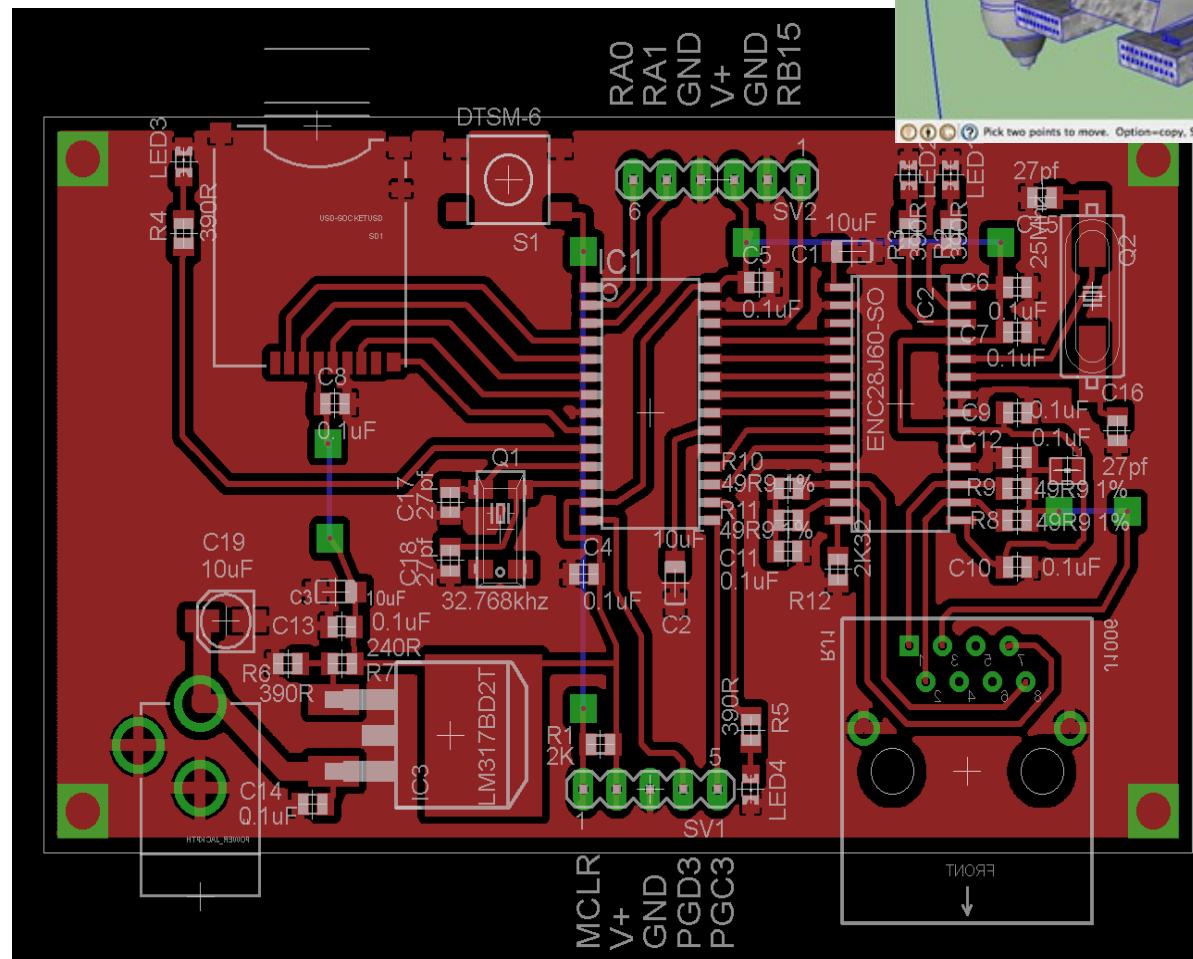
Tedious

Lots of school

Fear of feeling stupid

Free tools

KiCAD or Eagle CAD



SketchUp or SolidWorks



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Images for foam drone

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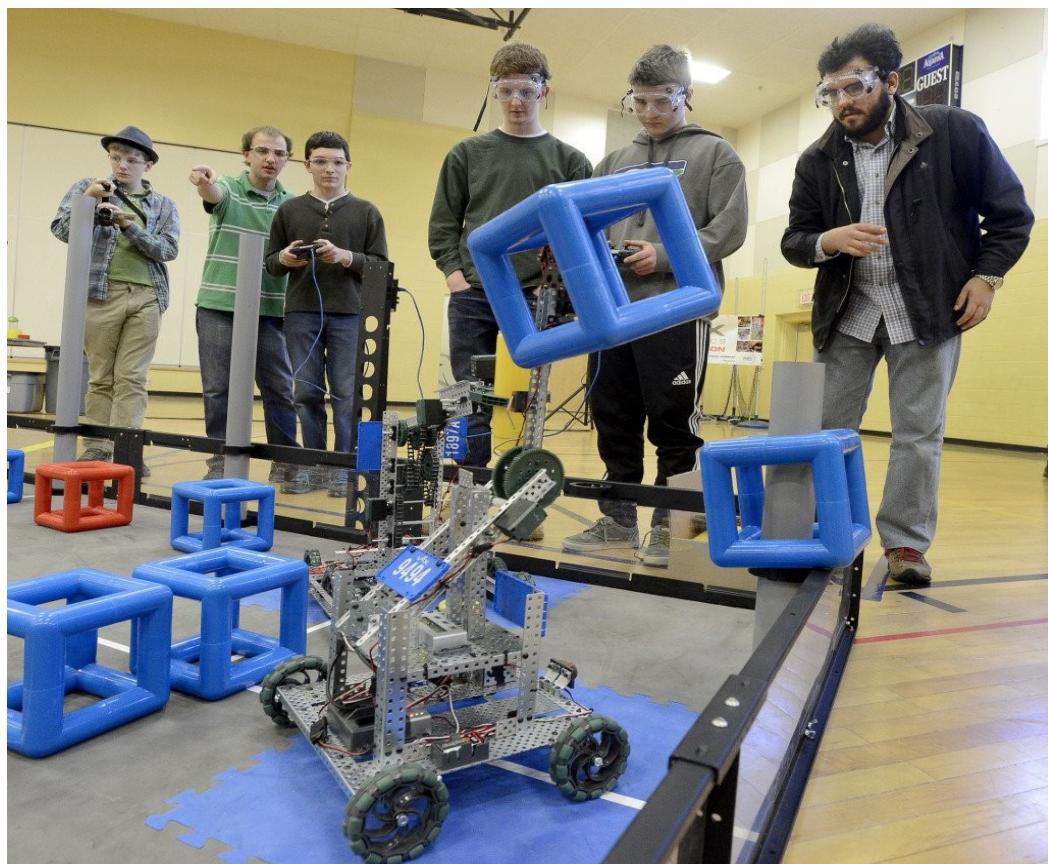
[More images for foam drone](#)

Friendly community



FreeGeek Vancouver

Friendly community



Calagator

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Calagator is a unified calendar for the technology community of Portland, Oregon. We are an all-volunteer effort and encourage anyone to import, create, and edit events.

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What's happening?

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Today

Started Monday Apr 13 2015	Intel Agile and Lean Development Conference 2015 9am through Friday, April 17 at 3pm Intel - Jones Farm building 3 (JF3)
Thursday Apr 16 2015	ISSA Portland - Zero Days, Ghost Malware, and Other Current Trends 11:30am–1pm Con-Way

Swift Study Night and Stanford Course

6pm
Epicodus

UX Happy Hour

6–8pm
Blackbird Pizza

OpenStack PDX User Group April meeting

6–8pm
Puppet Labs

PDXPUG: March meeting

6–8pm
Iovation

Learn Ruby PDX

6:30–8pm
Epicodus