

*Here's an email from Ting Makerspace with the software they use on their machines.*

*Pete, WV3S*

Hey Peter,

Here's a list of programs that can be used with the machines here in the Makerspace. They're all free to use here, but some are paid programs if you'd like to use them at home. I'll also mention some resources we frequently use.

\* Iulzbot Mini 3D printer

- Cura (free): Slicing program. Intakes 3D models and converts them to GCode that can be read by the printer.
- Autodesk Meshmixer (free): Model editor. Often used to clean up 3D scans from our David scanner. Can also make simple edits to premade models.
- Solidworks 2017 (Paid): Free to use in the Makerspace.

We also frequently use sites like Thingiverse and other model repositories to download 3D models to print. Also Any kind of modeling software can be used to make the models be it 3DSMax, Blender, etc.

\* Full Spectrum Laser

- Inkscape (free): Vector design program.
- Retina Engrave (free): Interface program for controlling the laser.

\* Inventables XCarve CNC router

- Easel: (free) Web app controller for the router. Accounts are free.
- Easel integrates well with other design programs like CAD and graphic design software (Solid works, Adobe photoshop/Illustrator, Inkscape)
- Easel also has the ability to intake GCode data from Cura and carve "2.5"D models. Basically anything without overhangs.

That covers basically everything we have here in the space except for the David scanner. If you have anymore questions please let me know.

Patrick Garvey  
Ting Internet Marketing Specialist

[ting.com/westminster](http://ting.com/westminster)  
[15 E. Main Street, Suite 100](#)  
[Westminster, MD 21157](#)  
Cell - [443-450-8748](tel:443-450-8748)