

TED WAKEFIELD: PROJECTS

Custom Casing Installation Jig

Users provide trim width, desired "reveal" offset, and an email. The app passes these to a Python script that instructs FreeCAD to generate a custom jig. FreeCAD exports an STL, which is emailed to the user for 3D printing. Real-world utility. Works.

HTML Email Generator for Retailers

A configuration-driven system that builds professional marketing emails with custom backgrounds, server-supplied images, and CTA buttons. Imports lists from JSON or scrapes contacts via OAuth2. Ready for app-store compliance; currently waiting on better hardware to complete the build.

Community Meal Finder

Hungry people scan a QR code on a poster to see which charities are serving meals today. Cron logic and an SQL database with calendar rules handle holidays and ad-hoc exceptions. A "Get Directions" button launches Google Maps. "Donate" and "Volunteer" buttons download a vCard. Scalable to every town in Canada — each gets its own webpage/QR code/database silo. Live now.

