

FontFinder



Jellyka Delicious Cake
Free for personal use
dafont.com

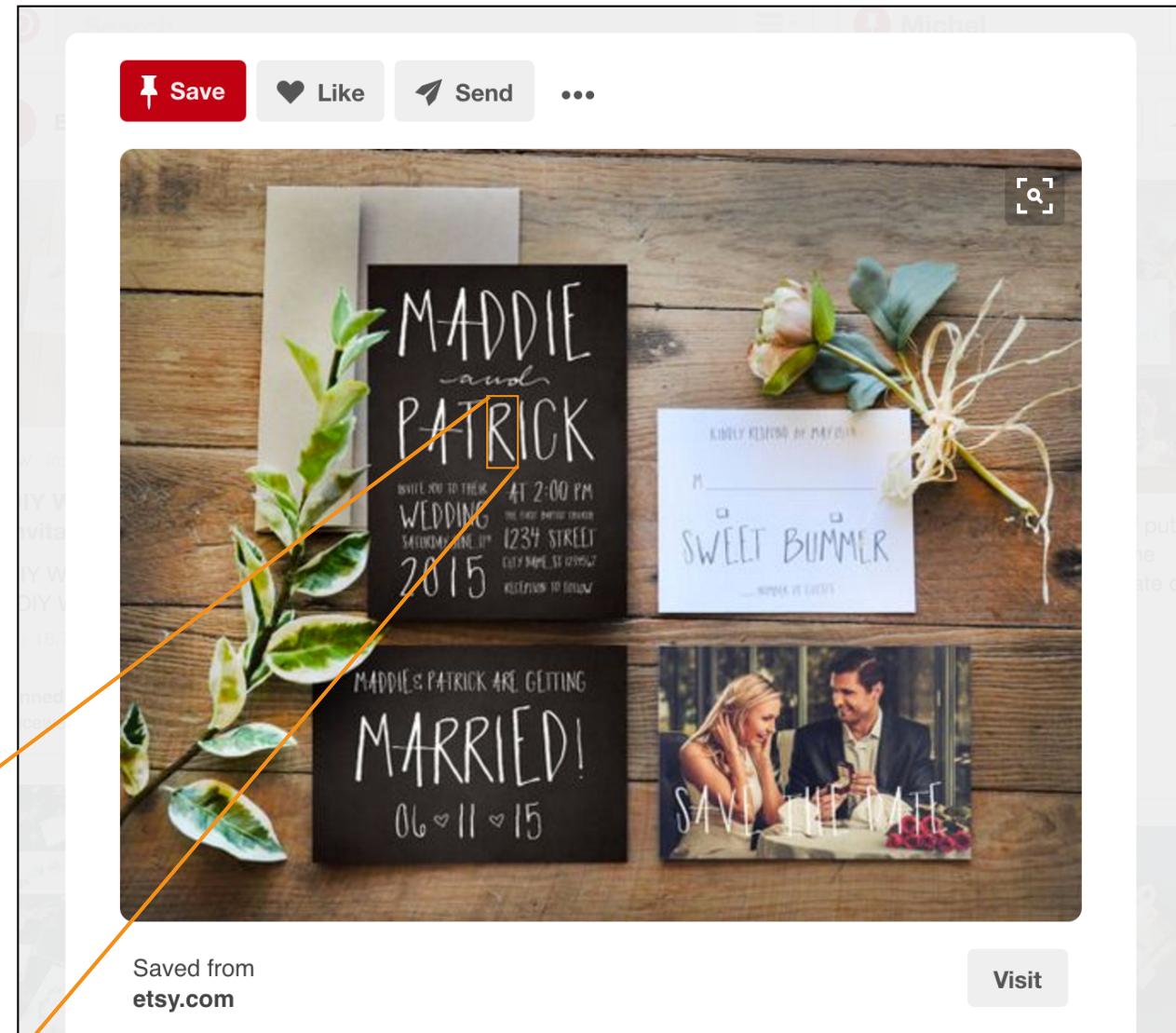
Michel Trottier-McDonald

Fonts are everywhere!

- Marketing
- Branding
- Web Design
- Wedding Industry
- etc.

Fonts are stupendously diverse

- Can be hard to find what you're looking for



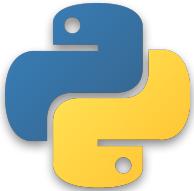
Let's try FontFinder!

User provided image



Prepare input

- Automatic thresholding
- Scaling
- Centering



Generate Training Dataset

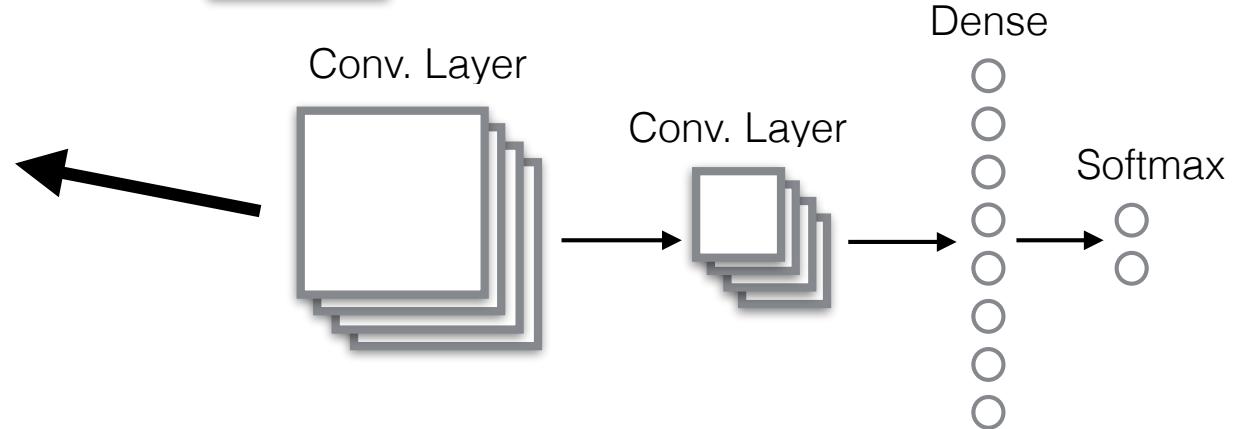
- *Class 0:* processed user image + variations: skew, rotate, scale
- *Class 1...200:* random fonts

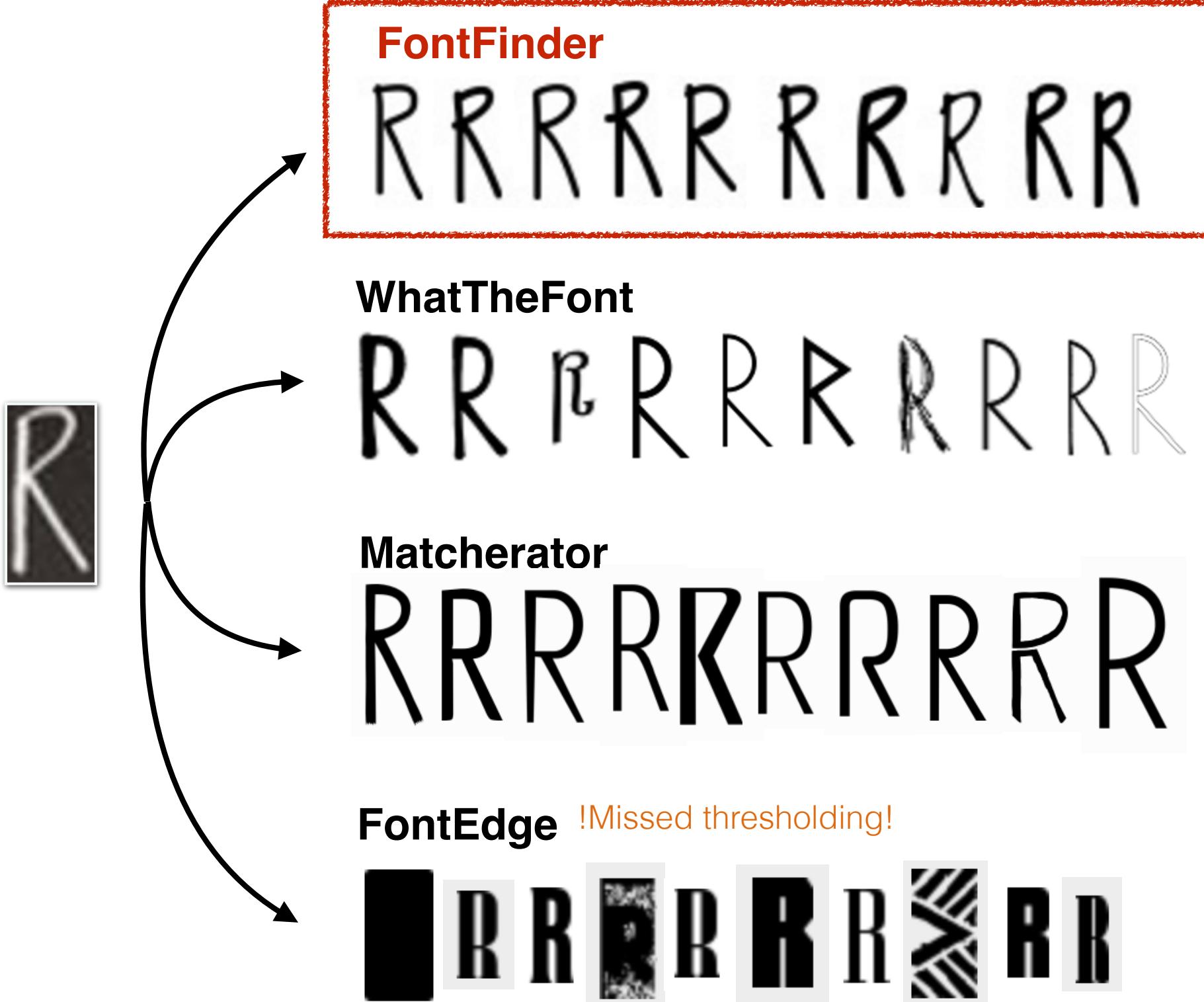


Convolutional Neural Network

Evaluate on fonts database

- Evaluate on all fonts
- Use output to order fonts

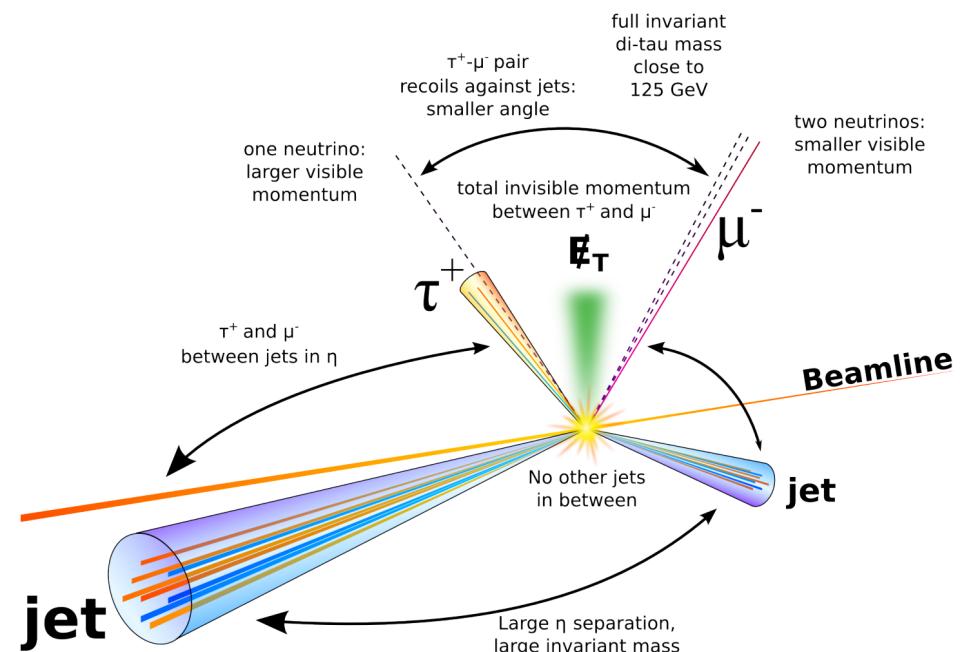




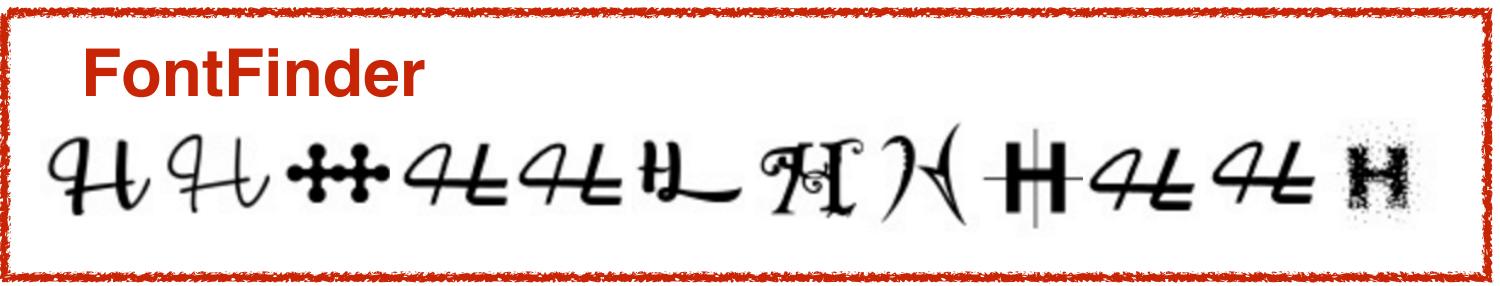
FontFinder's Edge

- Better user input preprocessing
- 45,000+ font database, that you can actually download and try before purchasing
- Pattern matching as flexible as can be
- Features to look for inferred from user input
- Prioritize for exploration over identification

Michel Trottier-McDonald



FontFinder



H H + H L L H H H H H H H

WhatTheFont

W K K H H H H H H H H H H H

Matcherator

!Missed thresholding!

W W W W W W W W W W W W W

FontEdge

W W W H H H H H H H



FontFinder

M M M M M M M M M M M M M M M M

WhatTheFont

M M M M M M M M M M M M M M M M

Matcherator

M M M M M M M M M M M M M M M M

FontEdge !Missed thresholding!

m m m M m m m m m

