

Some students have found that image files uploaded to Overleaf and then used in their LaTeX code are rotated the wrong way. I Google-ed "latex rotate image" and found this page.

<https://latex.org/forum/viewtopic.php?t=9323>

Then I tried this in one of my LaTeX files on Overleaf (and left out the "origin=c" part)...

```
\noindent\includegraphics[width=\hsize,angle=180]{boprie.jpg}
```

and it worked! Apparently LaTeX assumes you want to rotate about the center of the image unless you tell it to do something else. So leaving out "origin=c" was OK. (This is commonly the case for computer languages, if you don't specify something, the computer language is OK assuming a default value. Note LaTeX assumes "angle=0" unless we specify another angle.)

So use either

```
\noindent\includegraphics[width=\hsize,angle=180]{filename_of_image}
```

or

```
\noindent\includegraphics[scale=0.5,angle=180]{filename_of_image}
```

in your LaTeX code (and the appropriate scale fraction) when you want to display and image file in figure and it is upside-down.