

LaTeX Example Doc

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CS 800

Current draft: 2/9/26 at 8:15pm EDT

Look at the source main.tex to see how this is done.

1 URIs

This is a formatted, clickable link to my webpage: <https://spartansold.github.io/#>

2 Images

All figures must have a caption and must be referenced in the text. See the example below.

Figure 1 shows an original PNG with no scaling or cropping. The original dimensions are 1484 x 1171 (or, 3in x 2.4in). Figure 2 shows an example of cropping the image using the `trim`, `clip` options to `includegraphics`.

Figure 3 shows the same cropping as Figure 2 but scaled up. It's blurry because the original image (Figure 1 was a low resolution.)

We can insert PDFs into the document in the same way as images. Figure 4 is the first page of an academic paper. I've added the `\frame` command to show where the boundaries are. Figure 5 shows the margins trimmed off so that the text can be larger (scaled up).

3 Quotation Marks

Quotation marks are weird in LaTeX. Here's using "double quotes". *Not quite right*. Here's the "proper way". It's two backticks and two single quotes: `‘‘proper way’’`

4 Tables

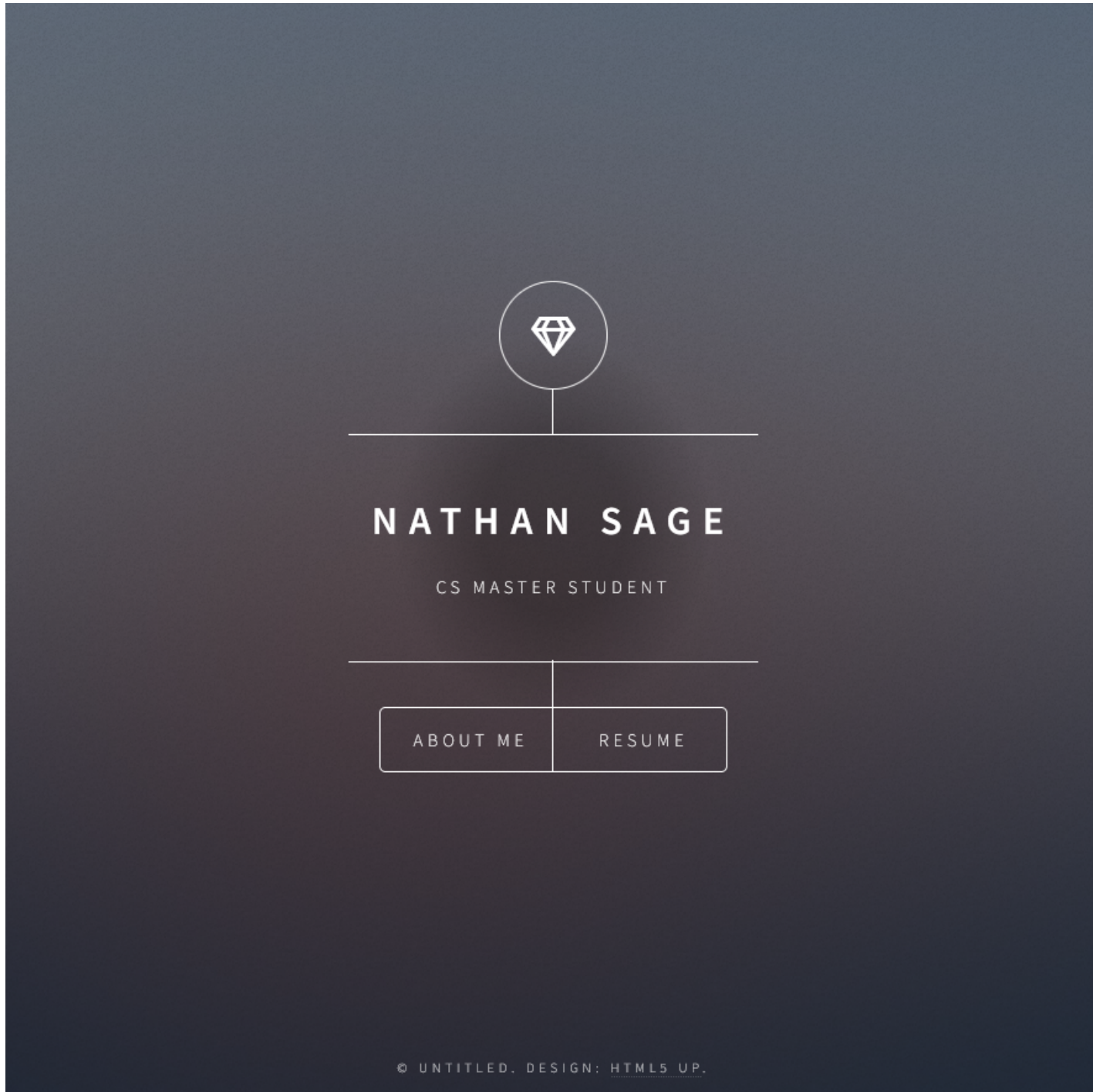
Table 1 shows a simple example table. Table 2 shows an example confusion matrix from https://en.wikipedia.org/wiki/Confusion_matrix. This employs rows that span multiple columns (`multicol`) and columns that span multiple rows (`multirow`).

Table 1: Simple Table

Week	Date	Topic
1	Sep 1, 3	Introduction, What's Vis and Why Do It?
2	Sep 8, 10	Data and Data Cleaning
3	Sep 15, 17	Marks and Channels

Table 2: Example Confusion Matrix from Wikipedia

		Actual	
		Cat	Dog
Predicted	Cat	5 (TP)	3 (FP)
	Dog	2 (FN)	3 (TN)

**Figure 1:** Original PNG

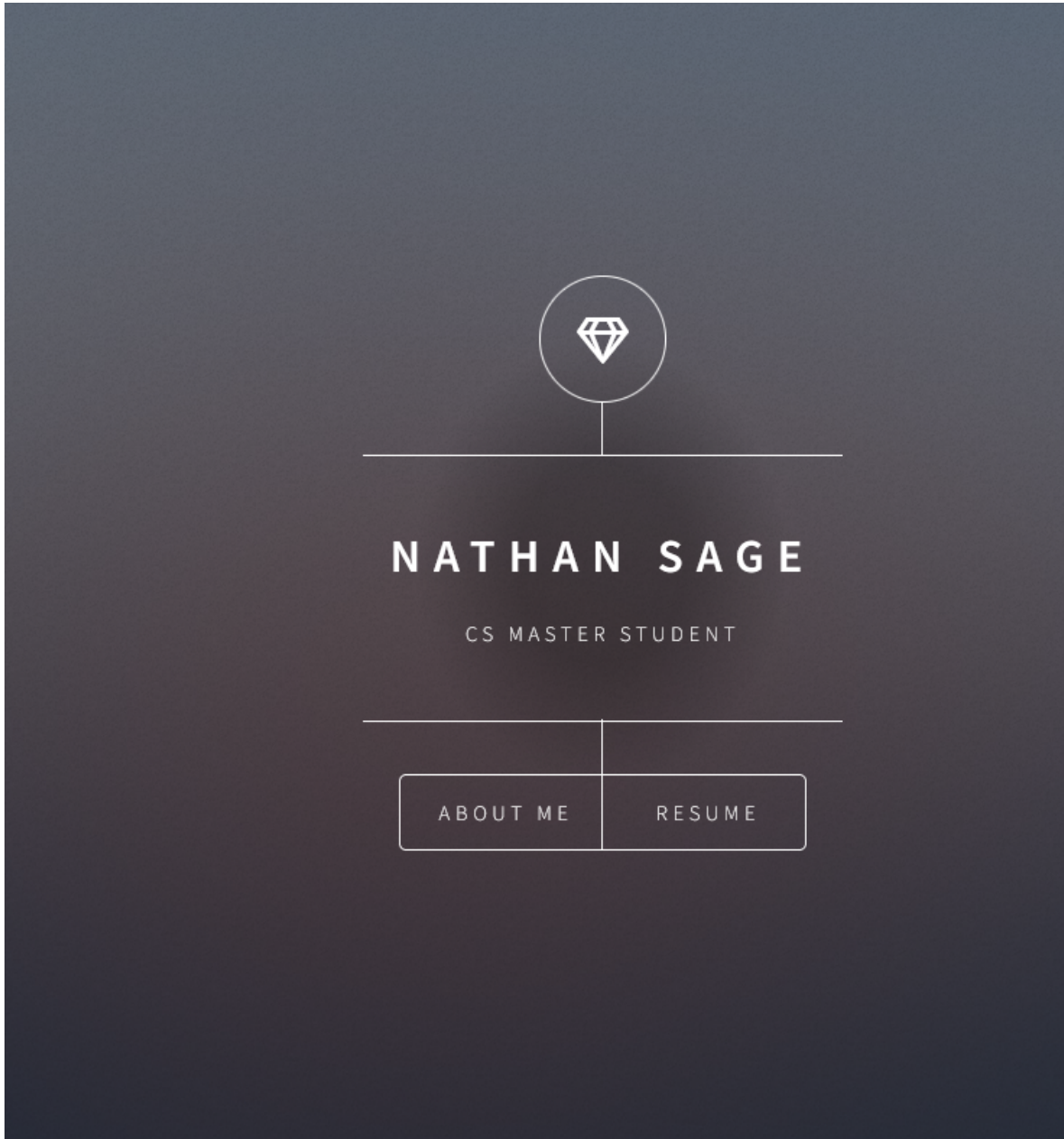


Figure 2: Cropped PNG - 0.25in from left, 0.5in from bottom, 1in from right, 0.3in from top

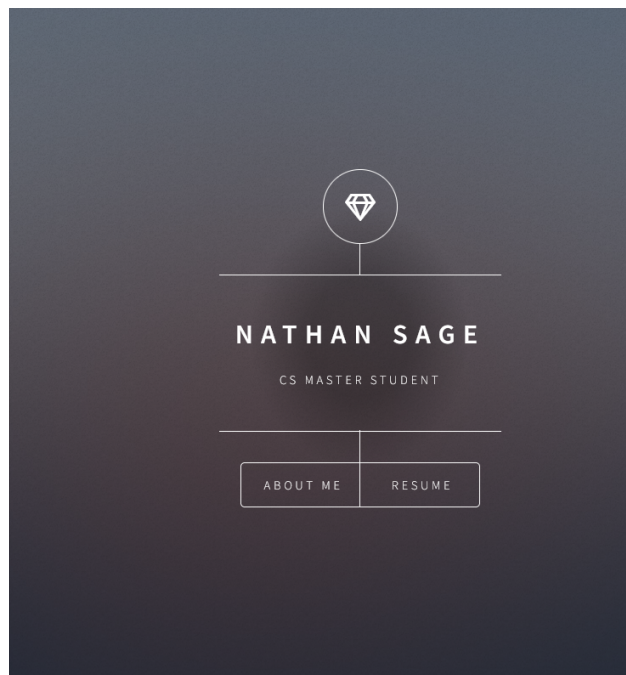


Figure 3: Cropped and scaled PNG

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Uncertainty-Aware Deep Learning Framework for Forecasting Coastal Water Level in Virginia Beach

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Hasan, M., Schram, M., McSpadden, D., Katragadda, S., Udomvisawakul, A., Richter, H., & Liu, F. (2025, April 24-28, 2025). Uncertainty-aware deep learning framework for forecasting coastal water level in Virginia Beach. Workshop on "Tackling Climate Change with Machine Learning" at ICLR 2025, Singapore.
<https://www.climatechange.ai/papers/iclr2025/49>

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Figure 4: Inserted PDF

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Figure 5: Trimmed PDF