Vim (Presentation #4)

Special Topics (CS3001)

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A Brief Introduction

They often say

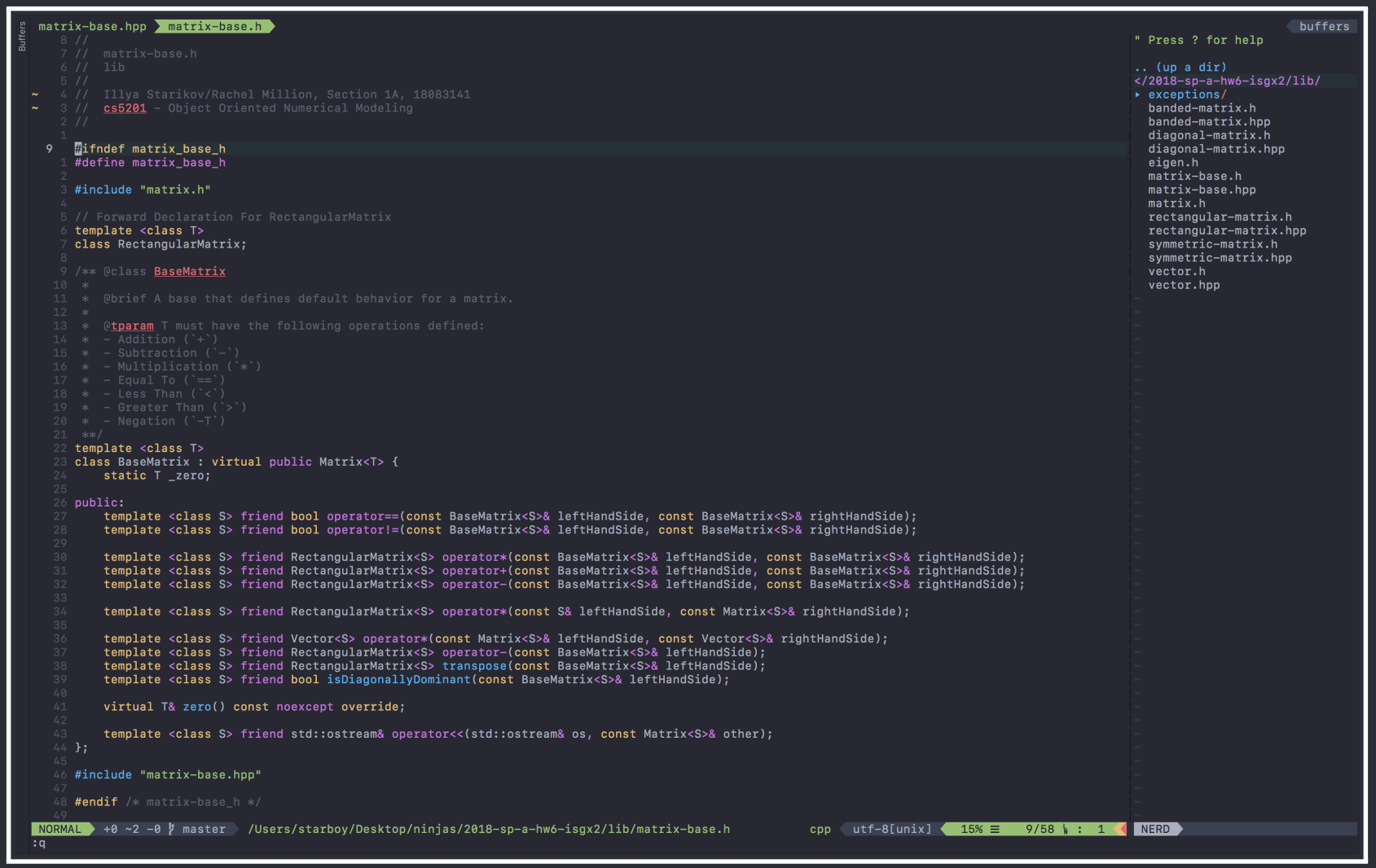
> *"A Developer Is Only As Good As His Tools"*

Although I don't agree with this sentiment, I always wanted to become better with tools I was constantly using. One of the tools I use most is my code editor: Vim.

A Brief Introduction

- Vim has been around since 1991, and is almost ubiquitous on all Unix machines. It has served mostly as a terminal text editor (see attached video).
- Also, Vim has greatly improved a lot since then, to incorporate many of the new features that IDEs and Text Editors have brought to the table.
- Along with that, a lot of projects have set out to make Vim look and feel more like a regular text editor (as apposed to a terminal editor).

A Brief Introduction



Prior Knowledge

- I've been using Vim since my freshmen year. However, I never worked with the advanced features of Vim, only the top level features.
- I knew that Vim had an expansive feature set, and I wanted to dive into that.

Motivation

- Upon graduation, I will likely be using Vim full time at my time at Garmin.

Goals

- To become more efficient at using Vim.
- To become familiar with the modern parts of Vim.
- To learn more of the keystrokes and shortcuts for Vim.

Resources

- A lot of the learning came from playing around with Vim. Anytime I found myself doing something repetitive, I simply tried to find a way to automate. Most of the time, there was a way.
- Book Resources (That I Actually Bought!):
  - Modern Vim
  - Practical Vim
- Online Resources:
  - The Vim Subreddit, for everyday improvements or general knowledge on Vim.
  - VimCasts, for when I want to get a deeper look into a subject.
  - Vim Adventures, a little game to help understand Vim through a text adventure.

Goal Accomplishment

- I am much more fluent in using Vim, using shortcuts that significantly improve my workflow.
  - See attached videos for details.
- I have also learned to use plugins, to do completions.
- I have also learned to use many of the different parts of Vim I was unfamiliar with, such as:
  - Buffers
  - Registers
  - Advanced Search
  - Tags

  And a lot more!

Side Note

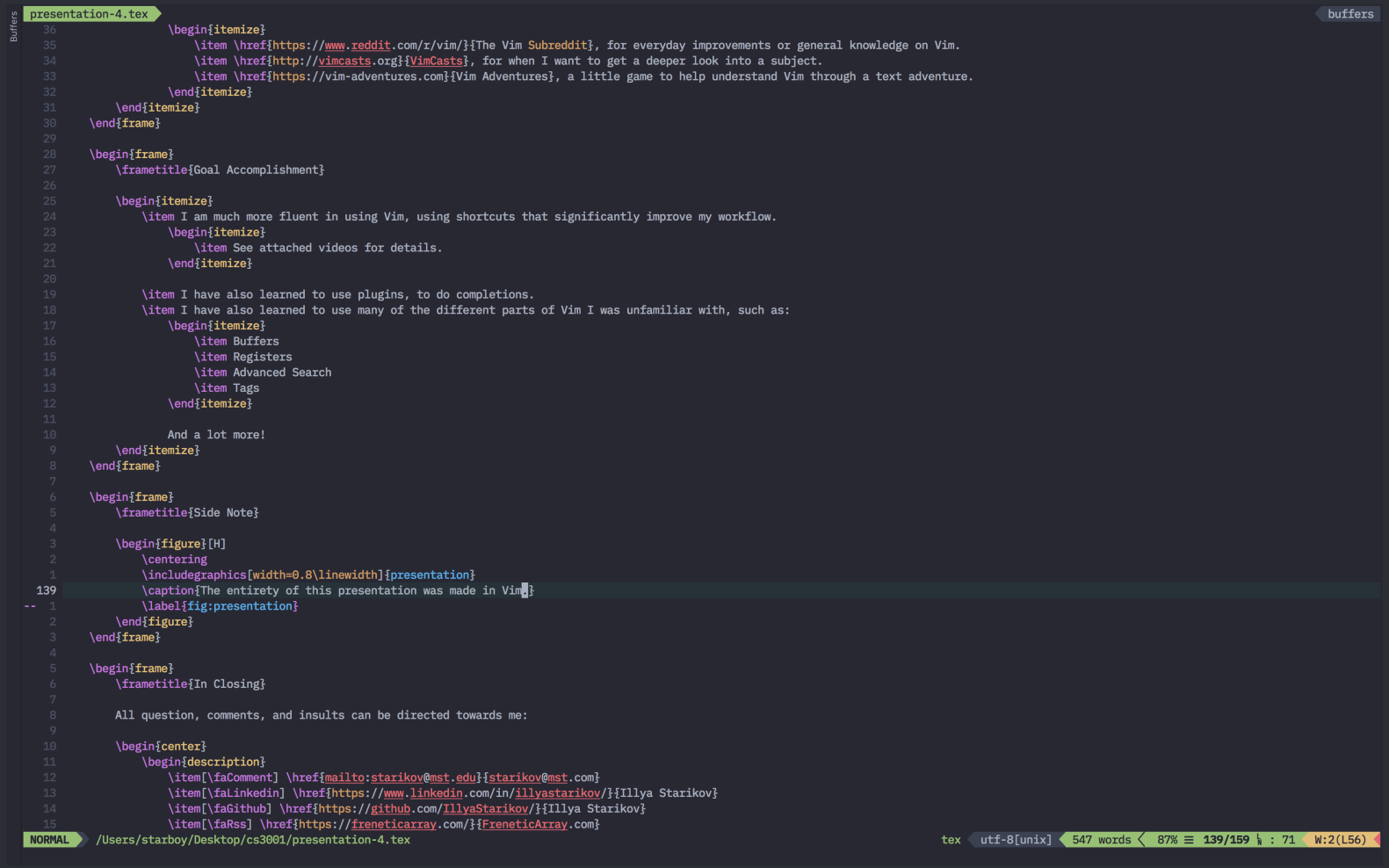


Figure: The entirety of this presentation was made in Vim.

In Closing

All question, comments, and insults can be directed towards me:

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