R Notebook

library(googlesheets4)  
library(tidyverse)

## -- Attaching packages --------------------------------------- tidyverse 1.3.1 --

## v ggplot2 3.3.5 v purrr 0.3.4  
## v tibble 3.1.6 v dplyr 1.0.7  
## v tidyr 1.1.4 v stringr 1.4.0  
## v readr 2.1.1 v forcats 0.5.1

## -- Conflicts ------------------------------------------ tidyverse\_conflicts() --  
## x dplyr::filter() masks stats::filter()  
## x dplyr::lag() masks stats::lag()

library(glue)

# gs4\_auth(  
# email = "jacciziebert@gmail.com",  
# path = NULL,  
# scopes = "https://www.googleapis.com/auth/spreadsheets",  
# cache = gargle::gargle\_oauth\_cache(),  
# use\_oob = gargle::gargle\_oob\_default(),  
# token = NULL  
# )

resume <- read\_sheet("https://docs.google.com/spreadsheets/d/1Cma5QJ6BzKUj449YECrkPvoePGNqZBebLx5EHbdZ8tk/edit?usp=sharing") %>% mutate(id = 1:n())

## ! Using an auto-discovered, cached token.

## To suppress this message, modify your code or options to clearly consent to  
## the use of a cached token.

## See gargle's "Non-interactive auth" vignette for more details:

## <https://gargle.r-lib.org/articles/non-interactive-auth.html>

## i The googlesheets4 package is using a cached token for  
## 'jacciziebert@gmail.com'.

## v Reading from "ziebert\_resume".

## v Range 'Sheet1'.

# https://livefreeordichotomize.com/2019/09/04/building\_a\_data\_driven\_cv\_with\_r/  
pivoted\_positions <- resume %>%   
 pivot\_longer(  
 starts\_with('description'),  
 names\_to = 'description\_num',  
 values\_to = 'description',  
 values\_drop\_na = TRUE  
 )  
  
pos\_w\_descrip\_list <- pivoted\_positions %>%   
 group\_by(id) %>%   
 # Wrap all descriptions into a list column  
 mutate(descriptions = list(description) ) %>%   
 ungroup() %>%   
 # Only keep first row of each expanded position rows  
 filter(description\_num == 'description\_1') %>%   
 # We don't need these columns any more  
 select(-description\_num, -description)

# If missing start or start is same as end  
# date, just use end date. otw build range  
positions\_w\_timeline <- pos\_w\_descrip\_list %>%   
 mutate(  
 timeline = ifelse(  
 is.na(start) | start == end,  
 end,  
 glue('{start} - {end}')  
 )  
 )  
  
positions\_collapsed\_bullets <- positions\_w\_timeline %>%   
 mutate(  
 description\_bullets = map\_chr(  
 descriptions,   
 ~paste('-', ., collapse = '\n')),  
 )  
  
positions\_no\_na <- positions\_collapsed\_bullets %>%   
 mutate\_all(~ifelse(is.na(.), 'N/A', .))

positions\_no\_na %>%   
 glue\_data(  
 "### {title}",  
 "\n\n",  
 "{company}",  
 "\n\n",  
 "{location}",  
 "\n\n",  
 "{timeline}",   
 "\n\n",  
 "{description\_bullets}",  
 "\n\n\n"  
 )

## ### Highway Safety Data Analyst  
##   
## Wisconsin Department of Transportation  
##   
## Madison, WI  
##   
## 2019 - 2022  
##   
## - Streamlining data analysis and data pulls by writing many functions, a data pull template, and code snippets  
## - Writing scripts that translate our SAS database into a consistent FST format by a click of a button  
## - Developing a Crash Data Dashboard in R Shiny with multi-selection capabilities and a dynamic Leaflet map (github/jacciz)  
## - Developed a knack for data viz using many of R's wonderful packages (plotly, ggplot2, ggtext)  
## - Using APIs to collect court case data then flattening JSON file, cleaning data, and running analysis  
##   
##   
## ### Data Processor  
##   
## Mandli Communications  
##   
## Madison, WI  
##   
## 2016 - 2019  
##   
## - Analyze, classify, and process LiDAR data maintaining above average speed, occasionally perform quality control  
##   
##   
## ### Bicycle and Pedestrian Intern (Part-time)  
##   
## Wisconsin Department of Transportation  
##   
## Madison, WI  
##   
## 2015  
##   
## - Learned ADA standards in order to digitize and assess statewide curb ramps and sidewalks in ArcMap  
## - Learned about bike/pedestrian safety and design and the benefits of complete streets through five day-long courses  
##   
##   
## ### Traffic Forecaster (Part-time)  
##   
## Wisconsin Department of Transportation  
##   
## Madison, WI  
##   
## 2014 - 2018  
##   
## - Completed statewide traffic forecast requests through the use of travel demand models and regression analysis of historical counts on a weekly basis  
## - Provided expertise on completed forecast requests to MPOs, DOT regions and consultants  
## - Conducted research and learned VBA to develop a macro-enabled Excel worksheet, improving and streamlining the department’s method to forecast turning movement counts  
##   
##   
## ### Planning Intern  
##   
## Dane County Board of Supervisors  
##   
## Madison, WI  
##   
## 2013  
##   
## - Updated thirty maps, chapter information and socioeconomic data for the 5-year update on the Comprehensive Plan  
##   
##   
## ### Research Assistant  
##   
## National Center for Freight and Infrastructure Research and Education (CFIRE)  
##   
## Madison, WI  
##   
## 2013 - 2014  
##   
## - Streamlined a set of ArcMap tools in ModelBuilder to transform data and to analyze business hot spots  
## - Published visually-appealing hot spot maps along with key findings of methods to scale-up food production