

```
library(dplyr)
```

```
r-ladies_global %>%  
  filter(city == 'Chicago')
```



Wifi: **Groupon Guest**
Pwd: **Gam3Plan!**

Career Series Kick-off: Using R to Land the Job, a Resume Building Tutorial

Scarlett Winters

February 25, 2020



Tonight's Agenda

6:00 - 6:30 pm > **Getting settled in, food and drinks**

6:30 - 6:45 pm > **Intros & Announcements**

6:45 - 7:30 pm > **Pagedown Tutorial**

7:30 - 8:00 pm > **Hanging Out**

- Don't forget to sign in at the front, or use this link:

bit.ly/rladieschisignin

- Live-tweet this event:
@RLadiesChicago, #RLadies,
#rstats



GROUPON



Angela

Hello!

We're proud R-Ladies

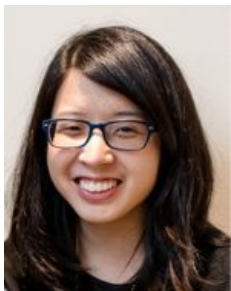
We organize the R-Ladies Chicago Meetup.
You can find us at [@RLadiesChicago](#) on Twitter.



Sushmita



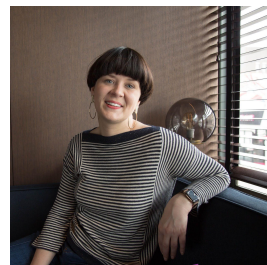
Scarlett



Katherine



Ola



Kristi



R-Ladies: 160+ Chapters & Growing!



Worldwide organization that promotes **gender diversity** in the **R** community via **meetups** and **mentorship** in a **friendly** and **safe** environment



R-Ladies meetups Code of Conduct (taken from R-Ladies Global)

R-Ladies is dedicated to providing a **harassment-free experience** for everyone. We do not tolerate harassment of participants in any form.

This code of conduct applies to **all R-Ladies spaces**, including meetups, Twitter, Slack, mailing lists, both online and offline. Anyone who violates this code of conduct may be sanctioned or expelled from these spaces at the discretion of the Founding Members.

Find this online at:

<https://rladies.org/code-of-conduct/>

R Consortium Code of Conduct:

https://wiki.r-consortium.org/view/R_Consortium_and_the_R_Community_Code_of_Conduct

If you are being harassed by a member/guest/participant of/at R-Ladies, notice that someone else is being harassed, or have any other concerns, please contact the Founding Members via reporting@rladies.org.

Please email us at: chicago@rladies.org, or **send us a direct message in our Slack group.**



R-Ladies Chicago Statement on Power & Privilege

While you are ALL very welcome, this is primarily a space for women and gender minorities. We urge you to be mindful in your participation. We all bring varying degrees of power to this space and we'd like to remind you to be cognizant of your own power, position and privilege. Please take the space you need to engage with the event, but also make space for others to do the same.

R-Ladies Chicago

Events:

- Tech talks
- Interactive data hackathons
- Social events
- Study groups

Check us out on Twitter:
@RLadiesChicago



 **R-Ladies Chicago** @RLadiesChicago · 5 Dec 2018
Thanks to all who came to our holiday party and #rstats data hackathon tonight! We enjoyed digging into our own #RLadies data, including anonymized survey results, sign ins, and Meetup attendance.

Want to hack at home? Find our @RLadiesChicago data at github.com/rladies-chicago...



 **R-Ladies Chicago**
@RLadiesChicago

Following

We're about to get started learning Shiny with #rspatial! #RLadies





Upcoming Events

#TidyTuesday Project Nights

- Every Tuesday at Chi Hack Night @ Merchandise Mart

Part II: Our Best Resource is Each Other: A Q&A Panel on Developing Your Network and Learning from One Another

- March 18, 6 pm @ Groupon

Part III: Keep Growing: Building and Maintaining Your Online Presence

- April 22, 6 pm @ Groupon



Call for Proposals (all due Saturday!)

Women in Analytics Conference

- June 3-5, 2020, Cleveland, OH
- Call for speakers open! (due Feb 29)
- Scholarships open! (due Mar 1)



Women in Analytics Conference

An Analytics Conference. Featuring Women. For Everyone.

R/Finance

- June 5-6, 2020, UIC, Chicago
- Call for papers open! (due Feb 29)



Women+ Data Science Symposium

- April 27, 2020, MSU, East Lansing
- Call for papers open! (due Feb 29)



**Women+
Data Science**

Conferences in the Area

Women in Data Science (WiDS)

- Roosevelt University's Congress Lounge
- Friday, March 6, 4:30-8 pm
- widschicago.org



WOMEN IN DATA SCIENCE
CHICAGO

useR! 2020

- St. Louis, MO
- July 7-10
- [Early bird registration](https://earlybirdregistration.useR.org) is now open!
- user2020.r-project.org



Volunteer Calls

Call for Curators - R-Ladies Rotating Curator Account

- Looking for a new position? Want to increase your visibility?
- [Sign up here](#) to curate (run by Katherine Simeon!)

R-Ladies Abstract Mentoring

- Help other R-Ladies write great abstracts for conference submissions!
- [Sign up here](#) to help out



How can you help R-Ladies?

Sponsor



- Venues to host monthly meetups and study groups meetings
- Monetary support for food and drink

Advocate



- Invite your colleagues and friends to R-Ladies events!
- Share job, events, and other opportunities with R-Ladies



How can you participate?

Volunteer



- Present at a future meetup
- Lead an R-Tour or a collaborative coding activity
- Start/Lead a study group

Suggest



- Suggest **meetup topics** or **event ideas**
- Recommend a speaker, dataset, tutorial, or other resource

Online



- Write a blog post for our website!
- Livetweet at our Meetups and events, curate **@WeAreRLadies**
- Contribute to the conversation on Slack



Connect with us!

Twitter: @RLadiesChicago

Website: rladieschicago.org

Email: Chicago@rladies.org

Slack Channel to communicate between Meetups

URL: <https://rladiesinvite.herokuapp.com/>

- #r-hacks
- #r-help
- #jobs
- #sg - study groups
- #career_brunch_learn



Career Series Kick-off!



Why are we here?

- Learn about a new and very useful R package
- Prove to employers you know how to code in R from the get-go
- Gain the skillset to navigate the data job market, just in time for hiring season

Who's Scarlett?



What is Pagedown?



What is Pagedown?

- Introduced @ [rstudio::conf 2019](#)
- Authored by Yihui Xie and Romain Lesur



What is Pagedown?

RMarkdown executes markdown R code and prints the outputs.

Pagedown is a new R package which formats RMarkdown outputs into an HTML format, which can be printed into PDF.

```
Pagedown %>%  
  RMarkdown %>%  
  HTML %>%  
  PDF
```





What are we building?



LIJIA YU

Currently searching for a PhD student position

Please note that this is a *real* resume, and I'm really looking for a PhD student position at the moment. I made this resume because Yihui asked me if I'd like to test the **pagedown** package with my resume. If you are interested in my background and skills, please feel free to contact me.



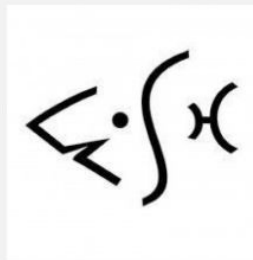
EDUCATION

- 2010 • **Beijing University of Chemical Technology**
B.S. in Information and Computing Sciences  Beijing, China
- Thesis: Dyadic wavelet and its application in edge detection
- 2014 • **University of Chinese Academy of Sciences**
M.S. in Bioinformatics  Beijing, China
- Thesis: A multi-omics study for intra-individual divergence of the distributions between mRNA isoforms in mammals




RESEARCH EXPERIENCE

- 2011
|
2014 • **Graduate Research Assistant**
Beijing Institute of Genomics, Chinese Academy of Sciences  Beijing, China
- Performed computational biology research towards understanding regulation of alternative splicing in human and mouse transcriptome.
 - Found EGFR pathway related mutations, aimed to understand the impacts of cancer mutations on EGFR signaling pathway.
- 2015
|
2016 • **Bioinformatician**
My Health Gene Technology Co., Ltd.  Beijing, China
- Investigated how cancer cells spread to other parts of the body at the single cell level.



CONTACT INFO

 lijia.yu@outlook.com

 github.com/yulijia

 +1 000-000-0000

For more information, please
contact me via email.

SKILLS

Experienced in statistical analysis,
statistical learning models, and
optimization methods.

Full experience with next
generation sequencing data
analysis.

SCARLETT WINTERS



EDUCATION

Nov. 2019
|
Nov. 2017

• **M.S. in Information Systems Management (GPA: 3.7/4.0)**
Chicago, IL

📍 Loyola Quinlan School of Business

- Focused on the intersection of business and data: database modeling, mining, and visualization using SQL, Python, R and Tableau
- Studied predictive modeling, data cleansing, and data presentation

May.
2017
|
Sept. 2013

• **B.A. in Political Science (GPA 3.6/4.0)**
Chicago, IL

📍 Loyola University Chicago



PROJECTS

May.
2017
|
Sept. 2015

• **Author of "Effect of Voter Identification Laws on Voter Turnout and Democratic Party Victories"**

Chicago, IL

📍 Loyola University Chicago

- Conducted multivariate linear regression analysis on 14 years of social survey and legislative data in STATA; visualized chronological and geographic data in Tableau
- Presented at three national conferences in 2016 and 2017

Jul. 2019
|
Mar. 2019

• **Project IBIS: Puerto Rico Emergency Response Data Collection**

Chicago, IL

📍 Loyola Quinlan School of Business

- Consulted non-profits and FEMA representatives in Puerto Rico on data collection methods
- Led a team to conduct requirements analysis for an ArcGIS-powered application to locate and disperse emergency resources ahead of a natural disaster in Puerto Rico



POSITIONS

Present
|
Jan. 2020

• **Client Training Specialist**

Chicago, IL

📍 Strata Decision Technology

- Lead world-class analytics trainings to empower adult learners of various levels of expertise with the skills to study financial trends in our SaaS platform, StrataJazz
- Promote data governance best practices by enhancing client-facing Data Integration trainings

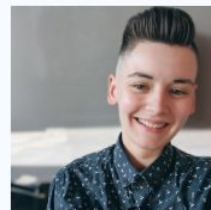
Feb. 2017
|
Nov. 2016

• **Data Analysis and Report Writing Intern**

Chicago, IL

📍 First Stop Health

- Enhanced organization-wide analytics capacity through advising COO on how to translate Excel reports to Tableau dashboards
- Built quarterly and annual client-specific utilization reports using Excel analysis



CONTACT

✉ winters.scarlett.e@gmail.com

[in /scarlett-winters](https://www.linkedin.com/in/scarlett-winters)

github.com/scarlett425

📞 (312) 805-9540

SKILLS

SQL
Excel
Tableau
R
Python
Data visualization
Data presentation
Requirements analysis
Predictive analytics

FUN FACTS

This resume was written using the pagedown package in R.

Board member for [R-Ladies Chicago](#)

Former projects include:

A predictive analysis of Chicago crime data in Python

Python-based UI (Tkinter) to predict Kickstarter success



I followed Nick Strayer's [guide](#) to enhance my pagedown experience.

Let's Dive In





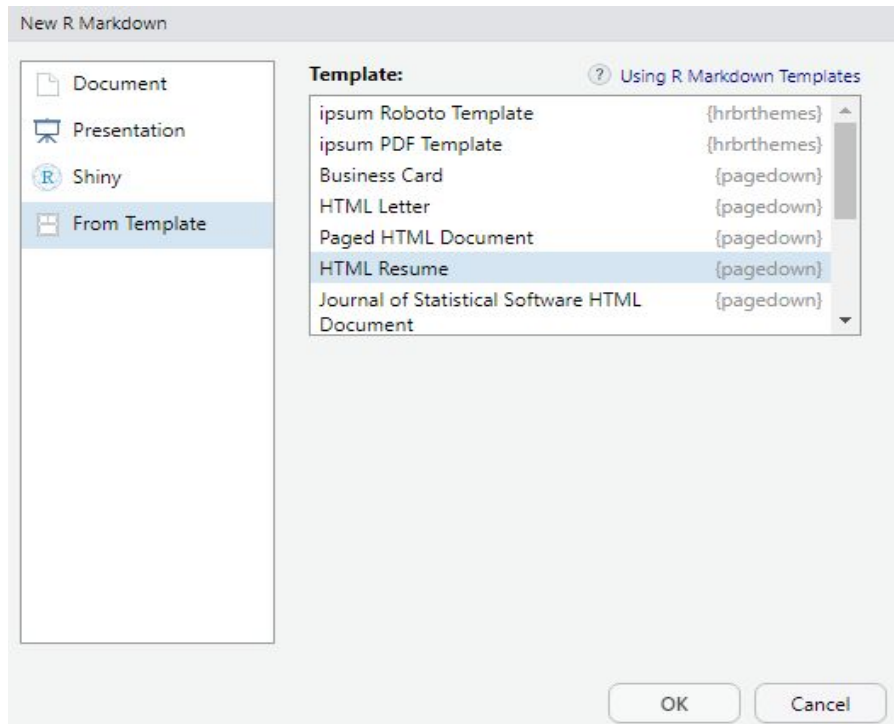
Setting It All Up

- Do you have Google Chrome installed?
- Do you have R and RStudio installed?
 - Note: Pagedown requires a recent version of Pandoc ($\geq 2.2.3$). Please install **RStudio version ($\geq 1.2.1335$)**, which has bundled Pandoc 2.x, otherwise you need to install Pandoc separately.
- `remotes::install_github('rstudio/pagedown')`

Navigation

**File > New File > R
Markdown > From
Template**

**So many options to choose from,
but we're building a resume today!**



The default resume template is already filled out. Pagedown allows us to plug & play with our own resume info. But what does this header even mean?

```
1 ---
2 title: "Lijia Yu's resume"
3 author: Lijia Yu
4 date: "`r Sys.Date()`"
5 output:
6   pagedown::html_resume:
7     # set it to true for a self-contained HTML page but it'll take longer to render
8     self_contained: false
9   # uncomment this line to produce HTML and PDF in RStudio:
10   #knit: pagedown::chrome_print
11 ---
12
```

Plug & Play



```
Education {data-icon=graduation-cap data-concise=true}
```

```
### Beijing University of Chemical Technology  
B.S. in Information and Computing Sciences  
Beijing, China  
2010
```



```
Education {data-icon=graduation-cap data-concise=true}
```

```
### Loyola University Chicago  
B.A. in Political Science  
Chicago, IL  
2017
```

Noteworthy:

- data-concise = true
- {data-icon}



Wrapping Up

Today we learned how to build a 21st century resume using our favorite programming language!

Join us for Part 2 of our Career Series on March 18, right here at Groupon!

More Reading



- rstudio::conf 2019 [slidedeck](#)
- Pagedown package [documentation](#)
- Nick Strayer's "[Building a Data Driven CV with R](#)"
- RStudio's pagedown Github [repo](#)

pagedown: Create Paged
HTML Documents for
Printing from R Markdown

A Less Traveled Road to PDF
and Printing

Yihui Xie and Romain Lesur

2020-02-11





One Last Thing...



Career Consulting Services!

- I am launching my Career Consulting Services business!
- 5+ years of career consulting experience
- Career consulting offerings for diverse genders and LGBTQ+ folks navigating the tech space.
 - Resumes
 - Cover Letters
 - Interview prep
 - Salary negotiation
- Rates are flexible + sliding scale

Thank You!



- Connect with me on Twitter [@Scar_Data](#) or [LinkedIn](#)
- winters.scarlett.e@gmail.com

