

# Portfolios & Resumes

For Data Scientists

Presented by  
Jillian Shepard



01

## Digital Portfolios

- Why they matter
- Tips & common pitfalls
  - Sanitize your project data
  - Prioritize content over style
  - Curate your GitHub account!
- Let's make a portfolio site!

02

## Resumes

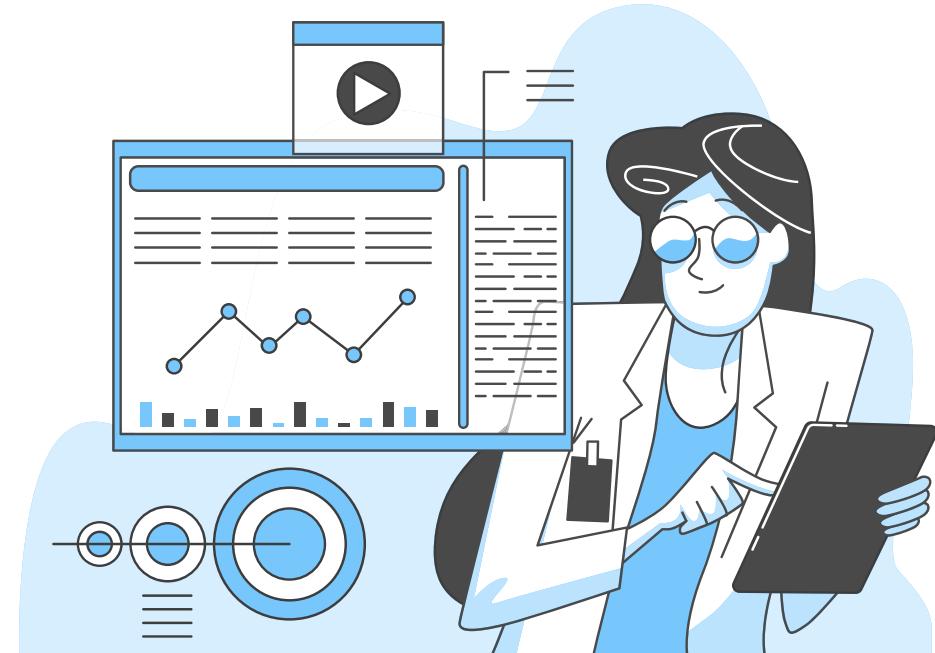
- Bad, better, best examples
- Tips & common pitfalls
  - The dreaded wall of text
  - Keyword scanners
  - Multiple versions

03

## A Word from Hiring Managers

- What do they look for
- Skill & tool advice

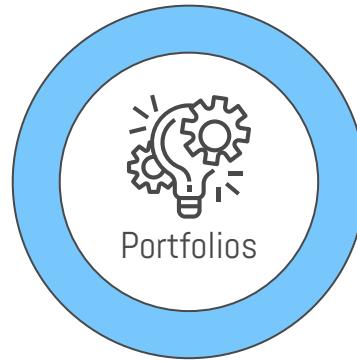
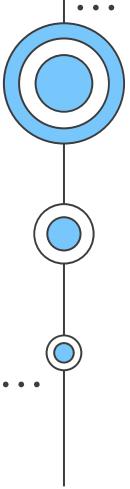
# Workshop Objectives



# 01

## Digital Portfolios

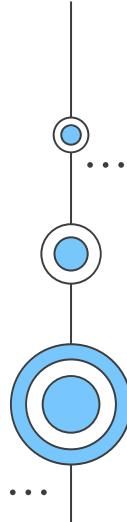




First things first...

let's look at some DS portfolios!

...



[datascienceportfolio.io/briannaking](https://datascienceportfolio.io/briannaking)



**Brianna King**  
Data Scientist | Master's of Science in Applied and Computational Mathematics and Statistics, Data Science specialization from the University of Notre Dame | Data Enthusiast  
Based in Atlanta, GA

[Projects](#)



Sentiment Analysis of NFL Quarterback Using Twitter APIs and R

R NLP Twitter API

Sports fans across the country regularly discuss their favorite teams, players, coaches, etc. throughout each sports season. After all, a common passion connects people — and sports often bring people together. With so many opinions across different teams, what if we wanted to better understand...

[Read more →](#)



Domesticated Animal Image Classification with Python

Scikit-Learn Tensorflow Pandas Python Jupyter

In this use case, my colleagues and I collaborated on creating and optimizing a convolutional neural network in order to identify domesticated animals versus non-domesticated animals to assist in funding suggestions for local animal shelters. Using the CIFAR-10 dataset with over 60,000 images,...

[Read more →](#)

**About:**  
I am an enthusiastic and versatile data science professional skilled in predictive modeling, analysis, process automation, and advanced data visualization.

**Skills:**  
Python SQL R PowerBI Tableau  
R Shiny



[About](#) [Experience](#) [Education](#) [Projects](#) [Skills](#) [Bonus](#) [Contact](#)

# JILLIAN P. GOODWYN

Data Scientist

[Resume](#)

**Julia Nikulski** [Home](#) [Portfolio](#) [Blog](#) [About me](#) [GitHub](#) [Kaggle](#) [LinkedIn](#) [German](#)

#### CSR-related Director Experience and Sustainability

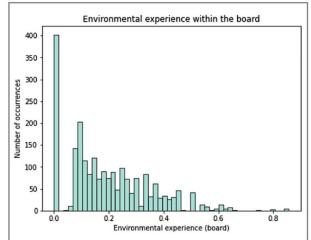
Code for my Master thesis where I used the Longformer NLP model to investigate the relationship between director experience and sustainability

**Skills:** Python, Transformer-based Language Models, EDA, NLP

#### Telegram Notifications for Available Vaccination Appointments

A webcrawler checks on the registration site of a vaccination center whether new appointments were added.

**Skills:** Python, Webcrawling, Heroku



**Josh Cohen's Data Portfolio**

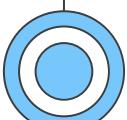
algorithms, python

# Making Art with Recursions

Python is a versatile programming language that allows developers to create a wide variety of applications and tools. One of the most enjoyable and creative aspects of programming is the ability to create beautiful artwork. Python's Turtle Library is a great example of this. By using the Turtle module, you can draw complex shapes and...

[READ MORE](#)

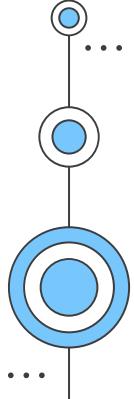
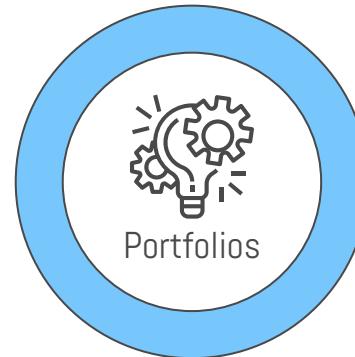
Privacy & Cookies: This site uses cookies. By continuing to use this website, you agree to their use. To find out more, including how to control cookies, see here: [Cookie Policy](#)



...



...



...

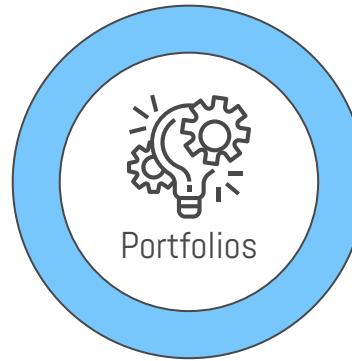
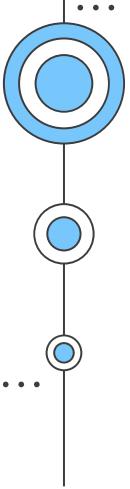
## Why digital portfolios matter

- Provide a deeper, more **expansive view** of your work
- **One-stop shop** for your projects, resume, and info
- Opportunity to **showcase** your **technical skills**

...

# Many ways to make a digital portfolio

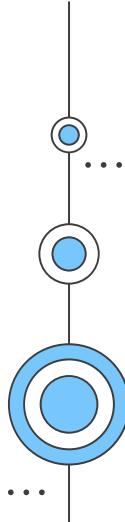
	DIY	Hybrid	Premade
Cost	\$	\$\$	\$\$\$
Time	🕒🕒🕒	🕒🕒	🕒
Customization	🚀🚀🚀	🚀🚀	🚀



## Tips & Common Pitfalls

- A. Sanitize your project data
- B. Prioritize content over style
- C. Curate your GitHub account

...



# A. Sanitize Your Examples



# Sanitize Your Examples

See anything concerning?

**WAYNE ENTERPRISES**

Date: All

Location: Client Site, 145 Main St, New York, NY 10345

Product: Wayne Enterprises secret sauce

Customer: All

Item Category: All

Material Group: All

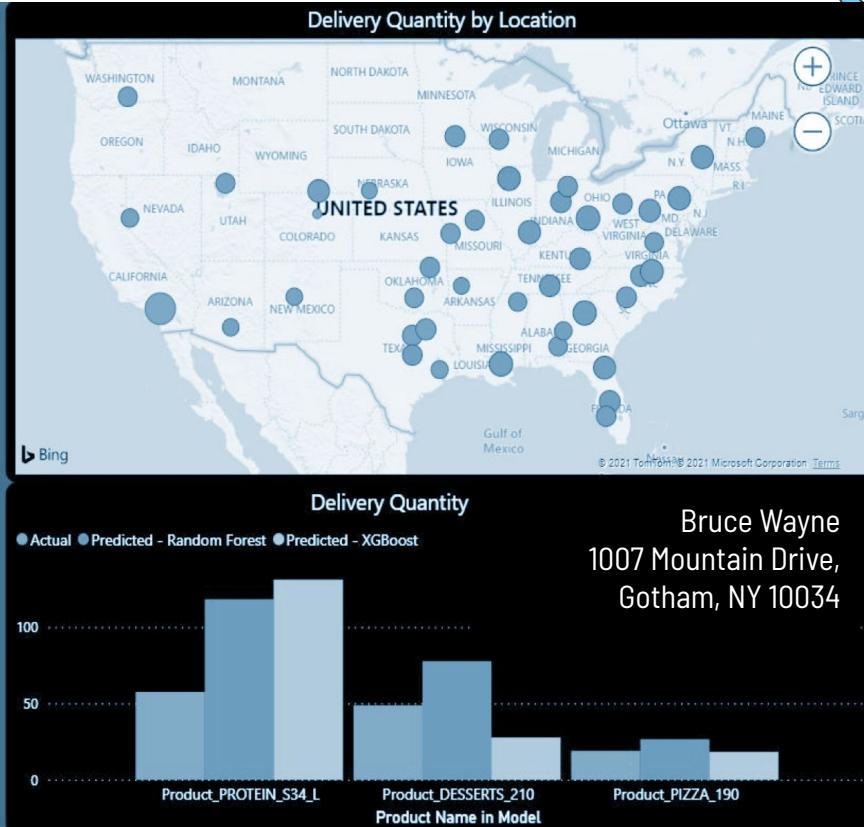
Incoterms: All

Ship To: All

Source Plant: All

Sales Division: All

Sales Org: All



# Sanitize Your Examples

Wayne Enterprises

Date: All

Location: Client Site, 145 Main St, New York, NY 10345

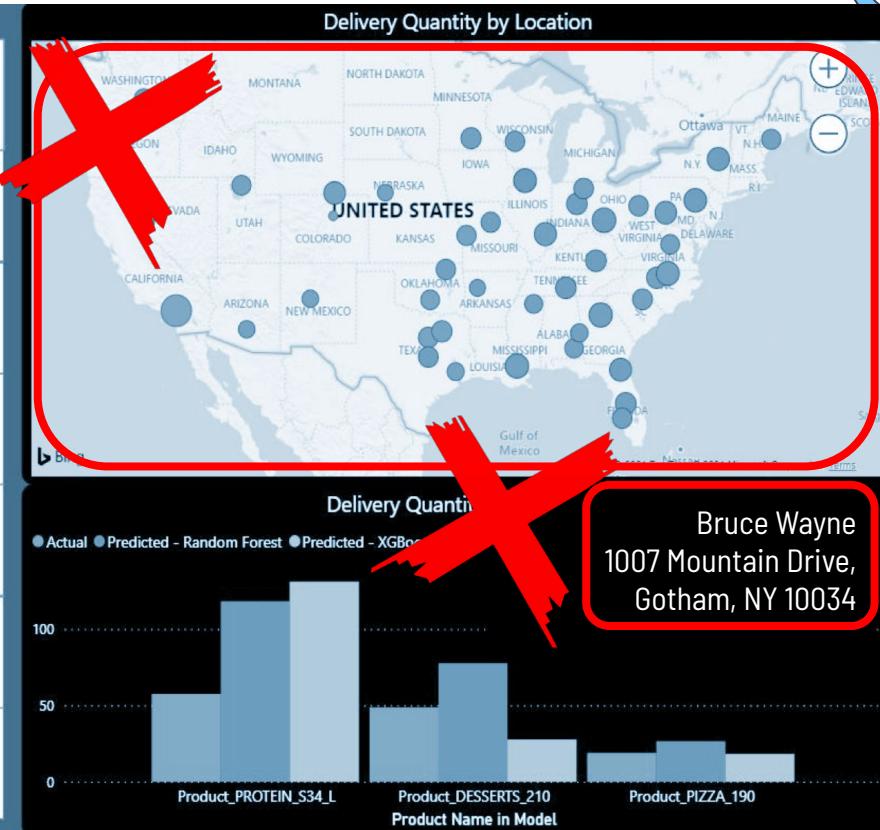
Product: Wayne Enterprises secret sauce

Customer: All

Material Group: All

Ship To: All

Sales Division: All



# Sanitize Your Examples

Project used with customer permission



This is  
GOOD

wayne enterprises

Date: All

Location: Client Site, 145 Main St, New York, NY 10345

Product: Wayne Enterprises secret sauce

Customer: All

Item Category: All

Material Group: All

Incoterms: All

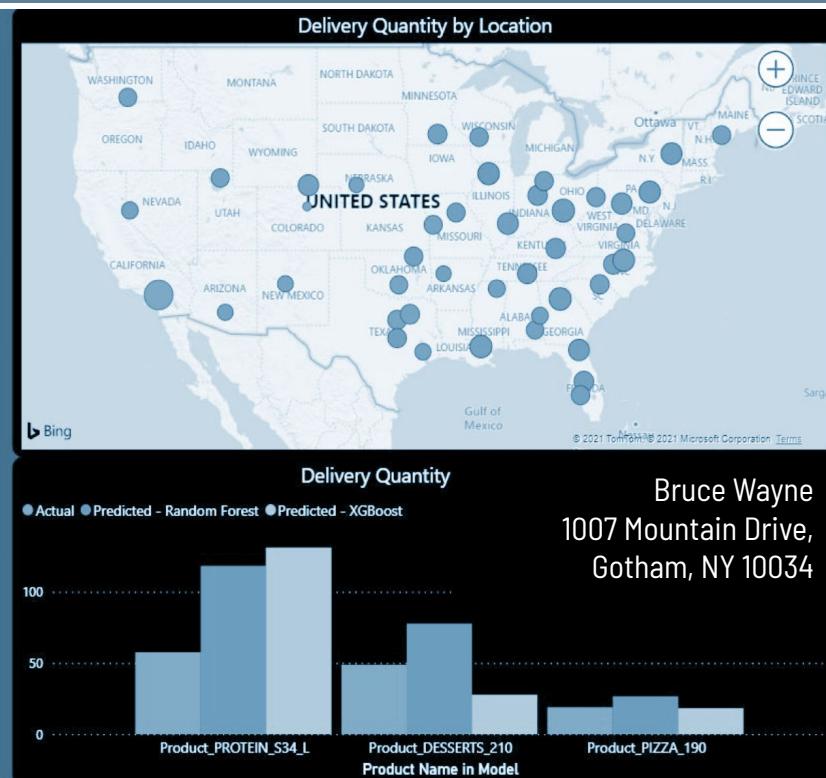
Ship To: All

Source Plant: All

Sales Division: All

Sales Org: All

This screenshot shows a search interface for Wayne Enterprises. It includes dropdown menus for Date, Location, Product, Customer, Item Category, Material Group, Incoterms, Ship To, Source Plant, Sales Division, and Sales Org, all set to 'All'.



# Sanitize Your Examples



This is  
BETTER!

Date  
All

Location  
All

Product  
Multiple selections

Customer	Item Category
All	All

Material Group  
All

Incoterms  
All

Ship To  
All

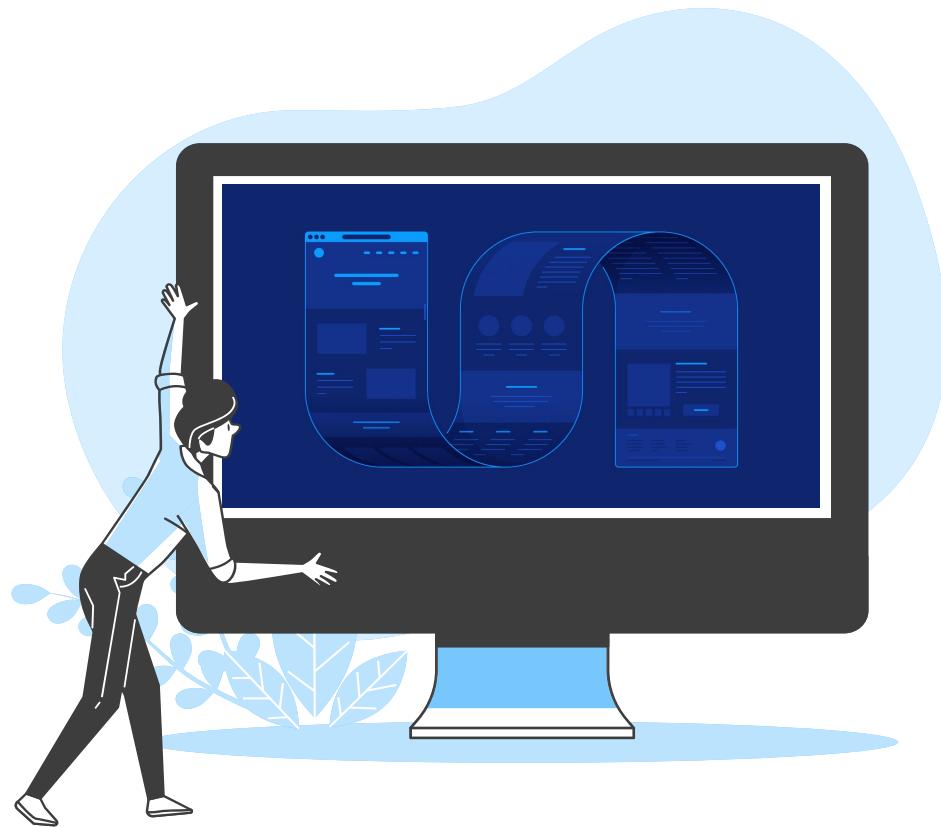
Source Plant  
All

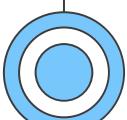
Sales Division  
All

Sales Org  
All

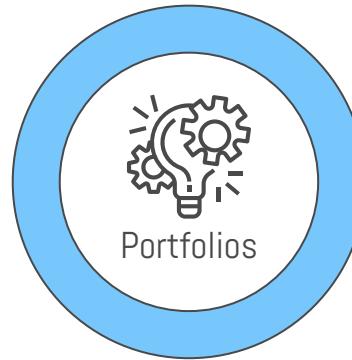
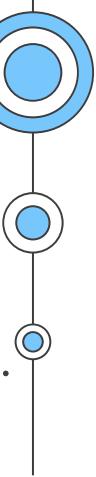


## B. Prioritize content over style



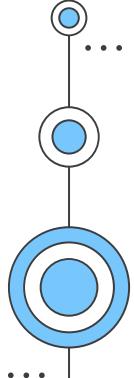


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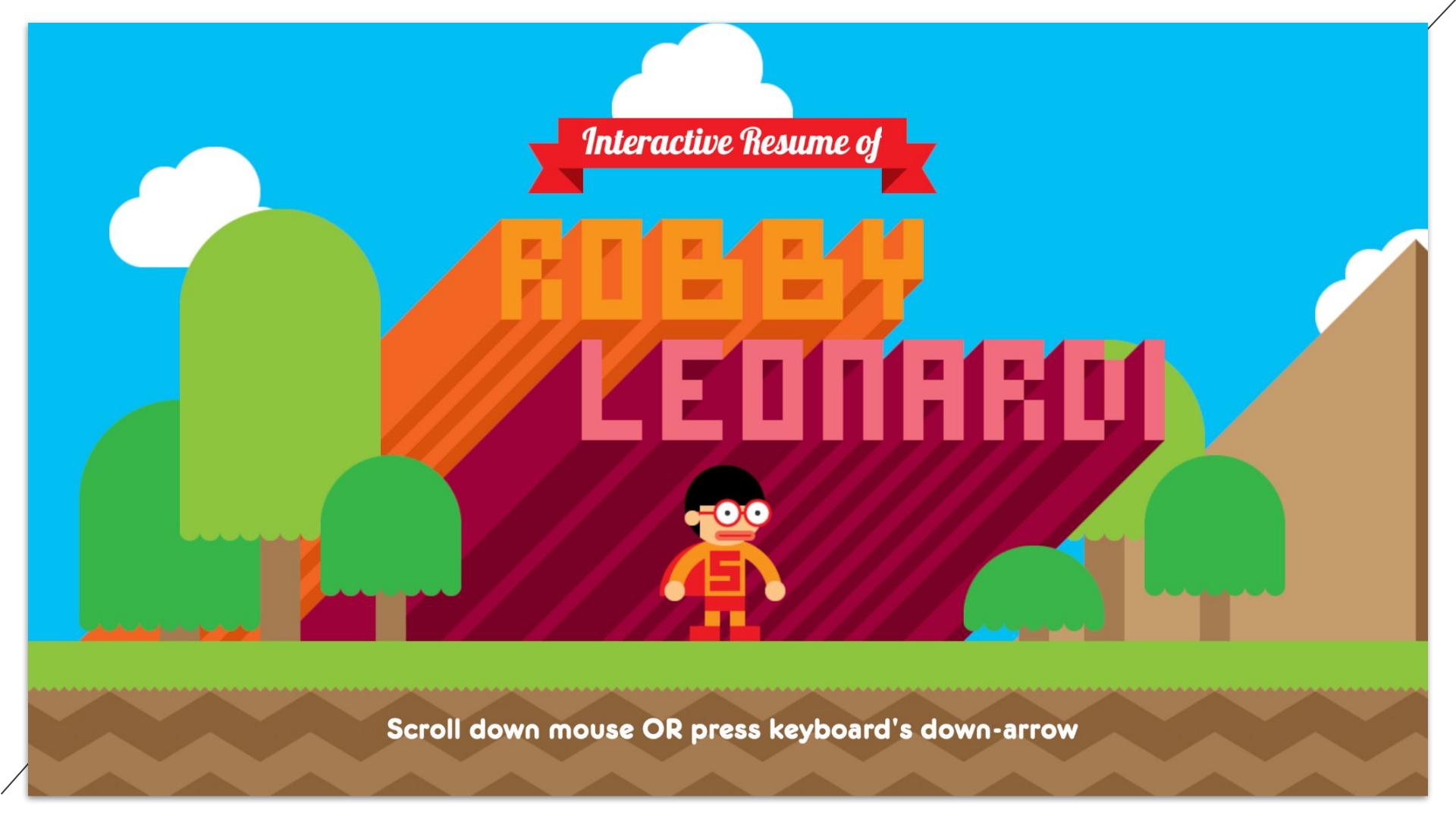


## Prioritize content over style

- A. Critical information should be easy to **find**
  - B. The page should load **quickly** and easily
  - C. More **relevant & recent** projects should be near the top of the page
- ...



...



*Interactive Resume of*

# ROBBY LEONARDI



Scroll down mouse OR press keyboard's down-arrow



# Hossain Khan

Software Engineer



[CONTACT ME](#)

## About Me

I'm a passionate developer who always enjoys interesting projects and challenges. I love to work on the web, mobile, and related technologies. For the past decade, I have been working on various Android projects, from Streaming Media to e-Shopping to hardware integration for Smart Connected devices.

I'm always eager to learn and try new things and often take advantage of interesting or challenging opportunities that come my way. My recent projects include an app featuring police brutality reports in light of the 2020 Black Lives Matter protests as well as the Muzei wallpaper plugin app for my photography site.

Feel free to reach out to me for mentorship or consultation for any project or even non-project work.

## Latest Projects

### [Github PR Stats \(Experimental\)](#)

An experimentation using GitHub APIs to visualize PR stats for individual contributor and other team members.

Toronto, Ontario, Canada

[hello@hossain.dev](mailto:hello@hossain.dev)

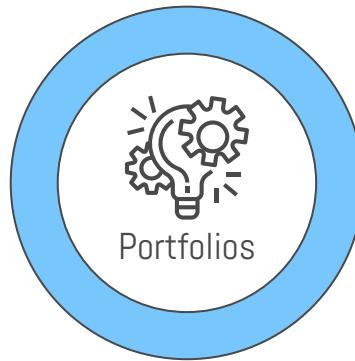
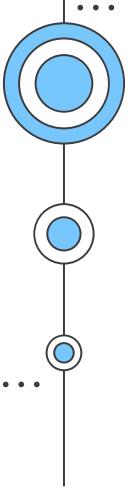
[hossainkhan.com](http://hossainkhan.com)

[vision.hossainkhan.com](http://vision.hossainkhan.com)

[hossainkhan.medium.com](http://hossainkhan.medium.com)

## Skills

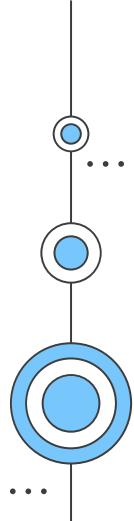
I've been working as software engineer for over 14+ years. Initially I started with web technologies and later migrated to mobile solution. I've worked on both hybrid and native solution for different Android device form factors.



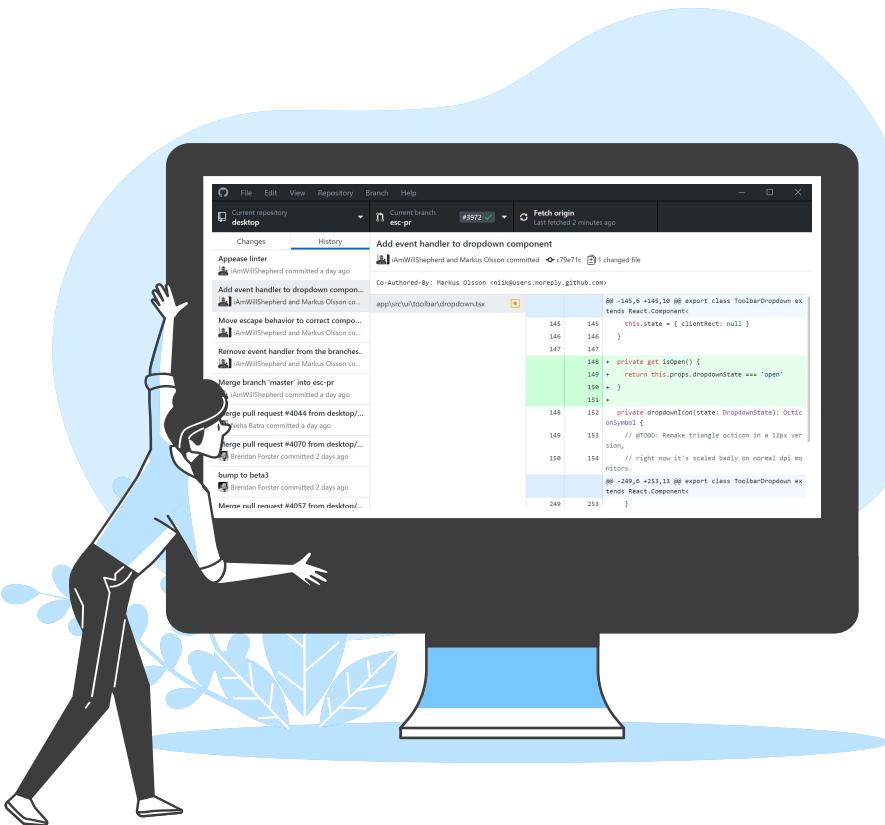
## Discussion:

What did each portfolio do well?  
What could they improve?

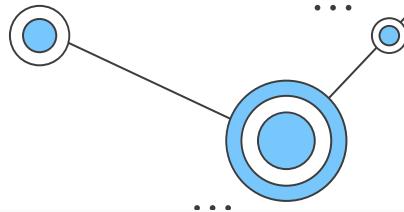
...



# C. Curate your GitHub!

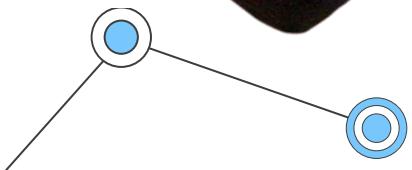


# C. Curate your GitHub!

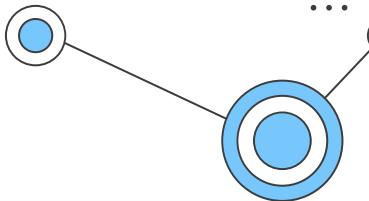


The image shows a GitHub repository page with the following elements:

- Header:** A navigation bar with tabs: Code (selected), Issues 0, Pull requests 0, Projects 0, Wiki, Pulse, and Graphs.
- Content Area:** A large image of Michael Jordan's face occupies the left side. In the center, there is a message box containing:
  - A GitHub logo icon.
  - This repository is empty.**
  - Text: "Care to check out the [GitHub Channel on YouTube](#) while you wait?"
- Footer:** A horizontal bar with links: © 2016 GitHub, Security, Status, Help, a GitHub logo, and Contact GitHub, API, Training, Shop, Blog, About.



# C. Curate your GitHub!



Screenshot of a GitHub profile page for **trinker**.

The profile page includes:

- Overview** tab selected.
- Repositories**: 282
- Projects**
- Packages**
- Stars**: 982

Search bar: Type  to search

Profile picture of **Tyler Rinker**.

**qdapTools** (Public)  
qdapTools is an R package that contains tools associated with the qdap package that may be useful outside of the context of text analysis.  
R ★ 13 Updated on May 9

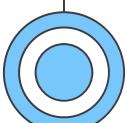
**AnimatedDrawings** (Public)  
Forked from facebookresearch/AnimatedDrawings  
Code to accompany "A Method for Animating Children's Drawings of the Human Figure"  
Python MIT License Updated on Apr 14

**textreadr** (Public)  
Tools to uniformly read in text data including semi-structured transcripts  
text-mining r docx doc text-data read-transcripts pdf-reading  
R ★ 70 6 Updated on Mar 7

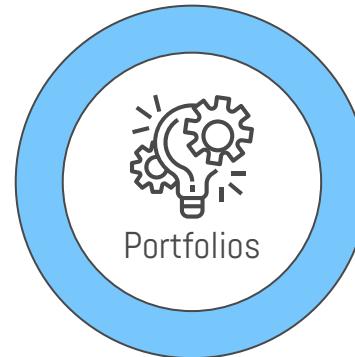
Follow button

Director, Data Scientist, open-source developer, #rstats enthusiast, #dataviz geek, and #nlp buff

582 followers · 140 following



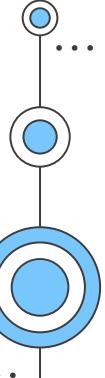
...  
...

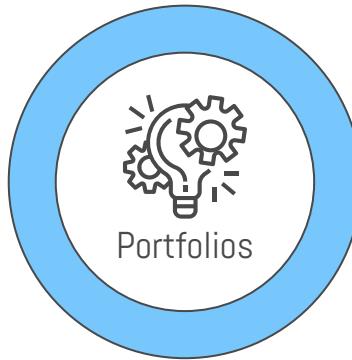
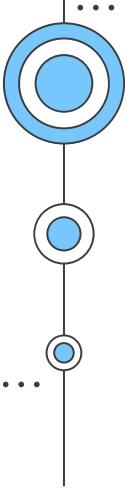


# Why having a nice GitHub matters

(or at least some code examples available)

- Shows how you work & how you think
- Easy way to demonstrate technical ability
- TIP: Always strive to have clear, easy-to-read ReadMe's!

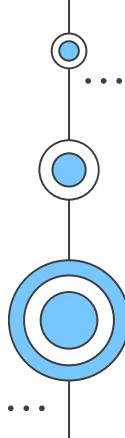


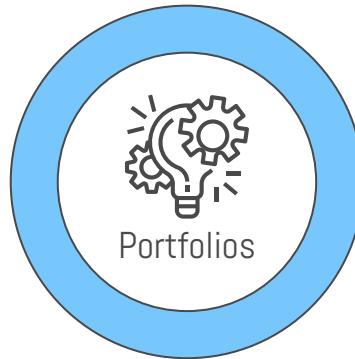
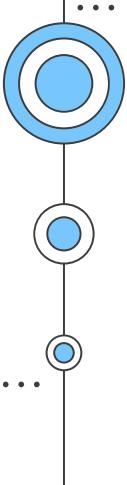


## Discussion:

Does anyone have a GitHub?  
What kind of work do you keep there?

...



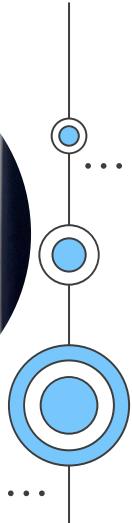


# Let's make a portfolio site!

Jillian Shepard -> **DIY & hybrid sites**  
Josh Cohen -> **Premade sites**

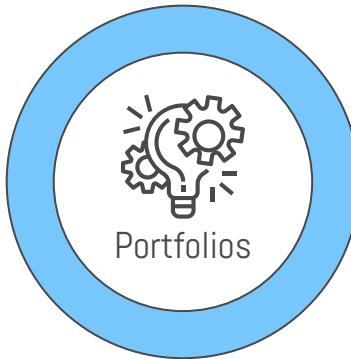
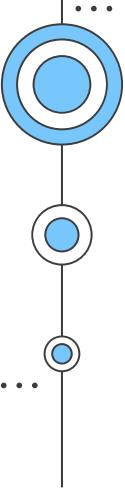


...



# Let's review the pros & cons

	DIY	Hybrid	Premade
Cost	\$	\$\$	\$\$\$
Time			
Customization			

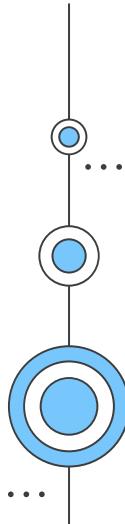


# DIY/Hybrid Portfolios

## Requirements:

- [Visual Studio Code](#)
- [GitHub account](#)
- Personal domain name (Jill prefers [Google Domains](#))

...



- ❑ Go to [GitHub](#) and create a new repo for your portfolio
- ❑ Make sure to check the box to include a Readme

## Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository](#).

Required fields are marked with an asterisk (\*).

Owner \*  **jgoodwyn** / Repository name \*    
 portfolio-demo is available.

Great repository names are short and memorable. Need inspiration? How about [fluffy-snuffle](#) ?

Description (optional)

 Public  
Anyone on the internet can see this repository. You choose who can commit.

 Private  
You choose who can see and commit to this repository.

Initialize this repository with:  
 Add a README file  
This is where you can write a long description for your project. [Learn more about READMEs](#).

Add .gitignore  
.gitignore template: [None](#) 

Choose which files not to track from a list of templates. [Learn more about ignoring files](#).

Choose a license

## ❑ Go to Settings > Pages

❑ Under the Branch section, select Main & hit Save

The screenshot shows the GitHub Pages settings page for a repository. The left sidebar lists various settings categories: General, Access, Collaborators, Moderation options, Code and automation (Branches, Tags, Rules, Actions, Webhooks, Environment, Pages), Security, Code security and analysis, Deploy keys, and Secrets and variables. The 'Pages' option under 'Code and automation' is highlighted with a teal circle and the number '2'. The main content area is titled 'GitHub Pages' and describes its purpose: 'GitHub Pages is designed to host your personal, organization, or project pages from a GitHub repository.' Below this is the 'Build and deployment' section, specifically the 'Source' part. It shows a dropdown menu 'Deploy from a branch' with 'main' selected. A teal circle with the number '3' highlights the 'main' dropdown and the 'Save' button. The 'Branch' section notes that GitHub Pages is currently disabled and provides a link to learn more.

1

2

3

GitHub Pages

GitHub Pages is designed to host your personal, organization, or project pages from a GitHub repository.

Build and deployment

Source

Deploy from a branch

Branch

GitHub Pages is currently disabled. Select a source below to enable GitHub Pages for this repository. [Learn more](#).

main / (root) Save

Visibility GITHUB ENTERPRISE

With a GitHub Enterprise account, you can restrict access to your GitHub Pages site by publishing it privately. A privately published site can only be accessed by people with read access to the repository the site is published from. You can use privately published sites to share your internal documentation or knowledge base with members of your enterprise.

Try GitHub Enterprise risk-free for 30 days Learn more about the visibility of your GitHub Pages site

- ❑ The Custom Domain section will appear - enter your custom domain name and hit Save
  - ❑ Format: `yourdomainname.com`

### Custom domain

**Custom domain**

Custom domains allow you to serve your site from a domain other than `jpgoodwyn.github.io`. [Learn more.](#)

[Save](#) [Remove](#)

DNS records should point to the [internationalized domain name](#).

**Enforce HTTPS**  
— Required for your site because you are using the default domain (`jpgoodwyn.github.io`)

HTTPS provides a layer of encryption that prevents others from snooping on or tampering with traffic to your site. When HTTPS is enforced, your site will only be served over HTTPS. [Learn more.](#)

- ❑ Head over to your domain manager and go to DNS settings - below is Google Domains UI as an example:
  - ❑ For 'A' record under Data, set 185.199.108.153, 185.199.109.153, 185.199.110.153 and 185.199.111.153
  - ❑ For 'CNAME', set your github pages profile URL, which will be yourusername.github.io. (Don't forget the period at the end!)

Host name	Type	TTL	Data
jpgoodwyn.com	A	3600	<ul style="list-style-type: none"><li>185.199.108.153</li><li>185.199.109.153</li><li>185.199.110.153</li><li>185.199.111.153</li></ul>
www	CNAME	3600	<ul style="list-style-type: none"><li>jpgoodwyn.github.io.</li></ul>

[+ Add more to this record](#)

[Create new record](#) [Cancel](#) [Save](#)

1

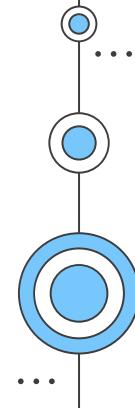
2

3



The official GitHub documentation on custom domains can be found [HERE!](#)

- Important Note from the GitHub docs:
  - ◆ **DNS changes can take up to 24 hours to propagate**
- But that's okay - we have PLENTY to work on in the meantime!

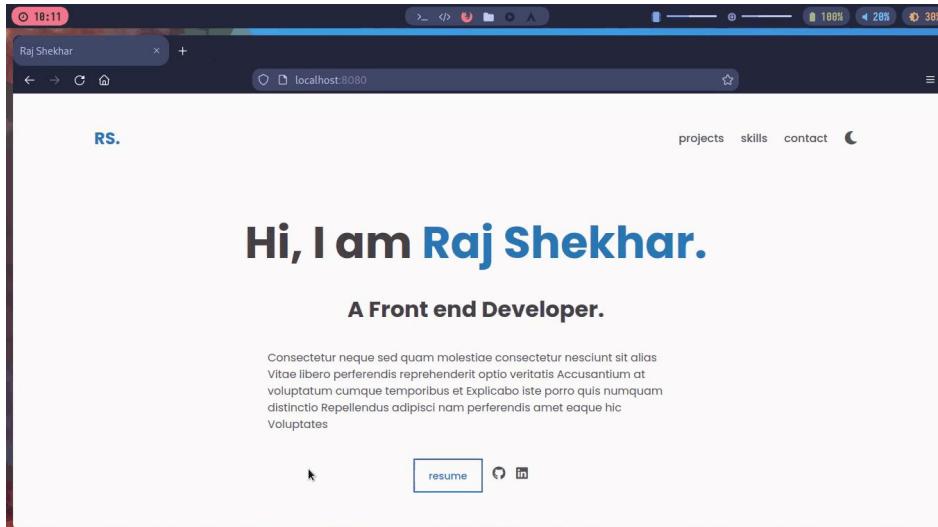


If you have not yet installed [Git](#) on your machine, please do so now

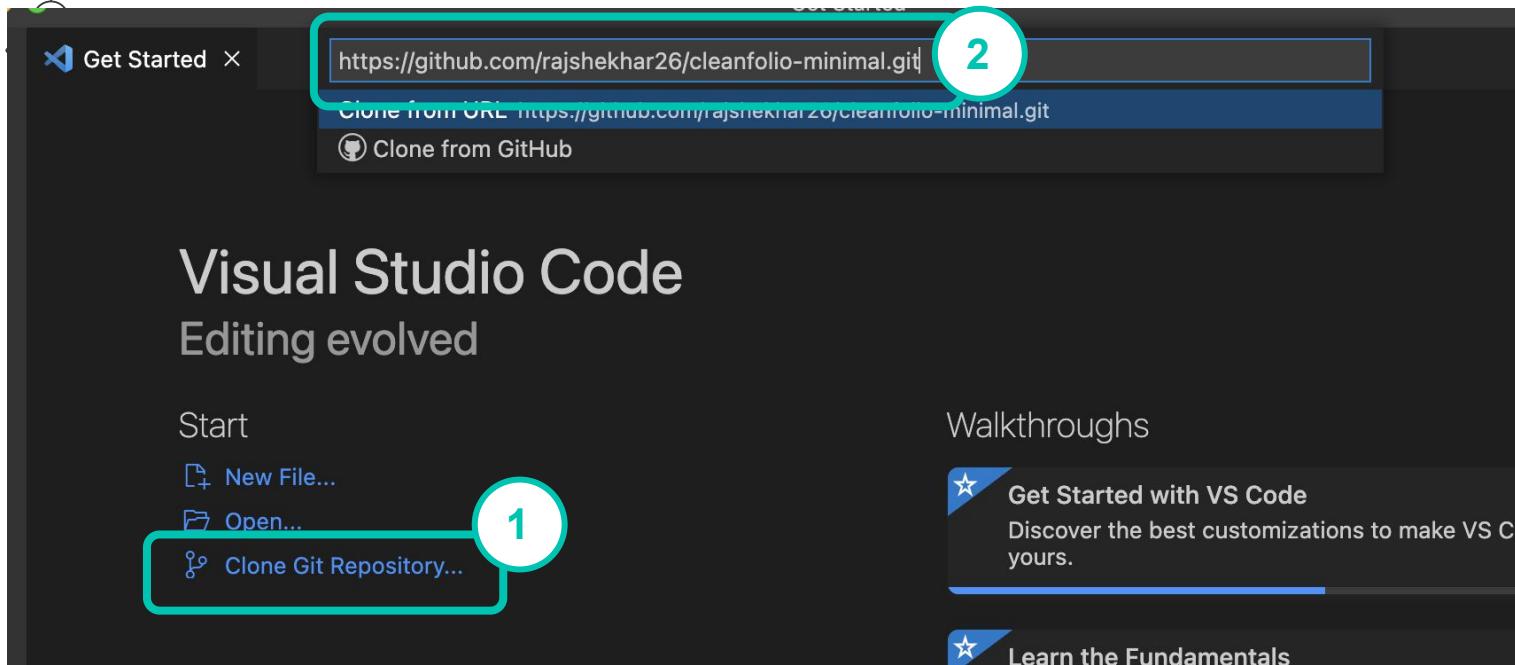
- If you are on a Mac, I highly recommend following the instruction to install **Homebrew** as well



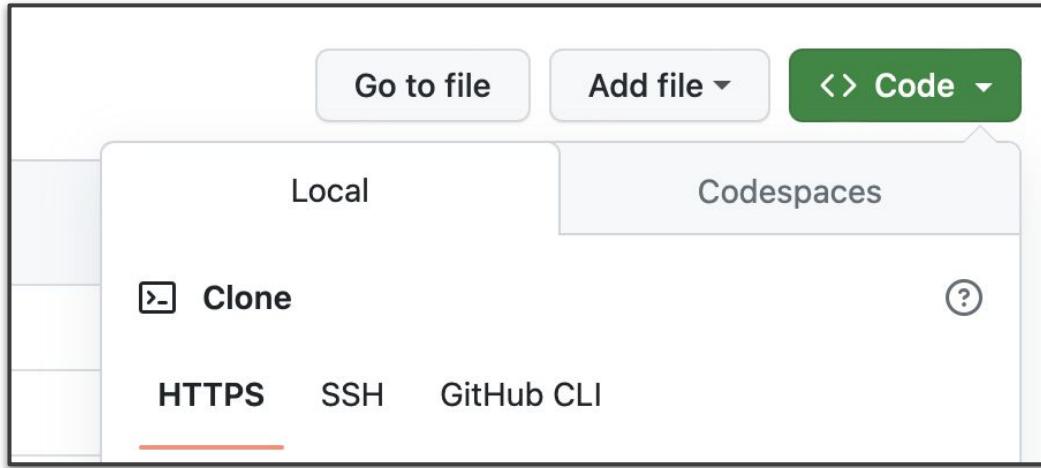
- ❑ Now is the fun part! Time to pick a template and customize
  - ❑ Take a look at the ReadMe's and most will have live demos for you view!
  - ❑ Huge list of templates: <https://github.com/topics/portfolio-template>
  - ❑ If you are just starting out, I highly recommend the simpler HTML/CSS and JavaScript templates - some nice examples:
    - ❑ [Cleanfolio Minimal](#)
    - ❑ [DevFolio](#)
    - ❑ [HTMLPortfolio](#)



- ❑ Once you find a repo you like, clone it and open it in VS Code with the “Clone Git Repository” selection
- ❑ Copy the repo URL into the top bar
  - ❑ Alternatively, you can fork the repo to make it your very own, but make sure you connect your custom domain (if using) to it!

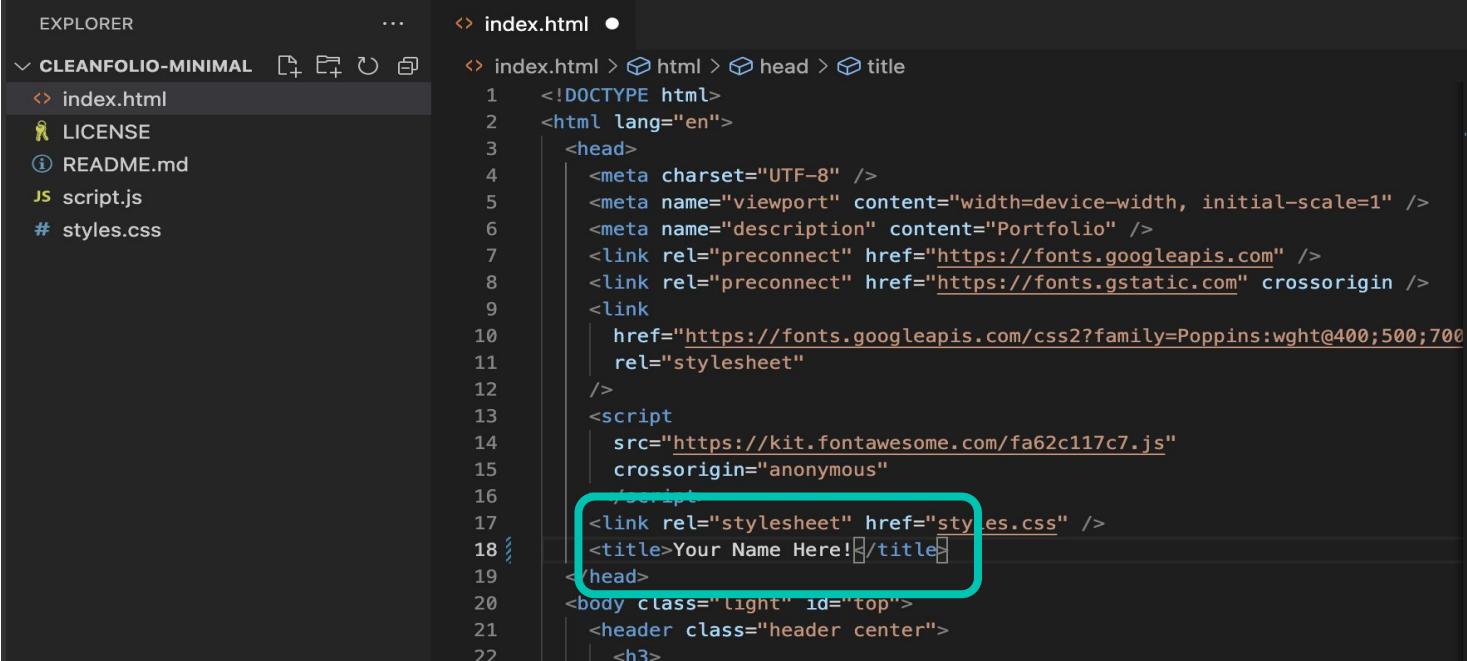


- ❑ **Create a new folder for the repo**
  - ❑ I like to keep all my GitHub repos in a Documents > repos structure
- ❑ **If you cloned the template repo, now do the same for your portfolio repo that we created earlier and start working from there**
  - ❑ Copy/move the files from the template repo to your portfolio repo



## ☐ Start customizing!

- ☐ For the simpler templates, most of your changes will take place in the `index.html` file



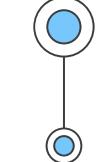
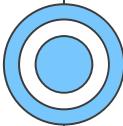
The screenshot shows a code editor interface with a dark theme. On the left is the Explorer sidebar, which lists the project structure:

- CLEANFOLIO-MINIMAL
- index.html
- LICENSE
- README.md
- script.js
- styles.css

The main area shows the content of `index.html`:

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1" />
    <meta name="description" content="Portfolio" />
    <link rel="preconnect" href="https://fonts.googleapis.com" />
    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin />
    <link href="https://fonts.googleapis.com/css2?family=Poppins:wght@400;500;700" rel="stylesheet"
    />
    <script
      src="https://kit.fontawesome.com/fa62c117c7.js"
      crossorigin="anonymous"
    />
    <link rel="stylesheet" href="styles.css" />
  </head>
  <body class="light" id="top">
    <header class="header center">
      <h3>
```

A red box highlights the line `<link rel="stylesheet" href="styles.css" />`.

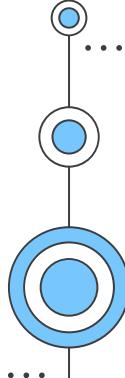


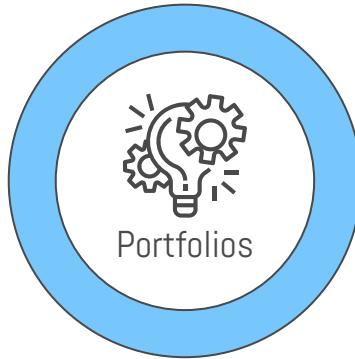
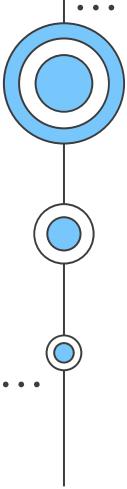
...

- ❑ When you have made your desired changes, go ahead and push your changes to your portfolio repo!

- ❑ I highly recommend installing the **GitLens** extension to VS Code
- ❑ Mac users: you made need to add a `.gitignore` file so `.DS_Store` files are not uploaded to your repo! See StackOverflow instructions [here](#)
- ❑ For reference, quick commands to add, commit, and push your code:
  - ❑ `git add -A`
  - ❑ `git commit -m "your commit message here"`
  - ❑ `git push`

- ❑ Go view your site! :-D



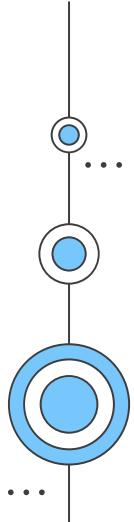


# Premade Portfolios

## Requirements:

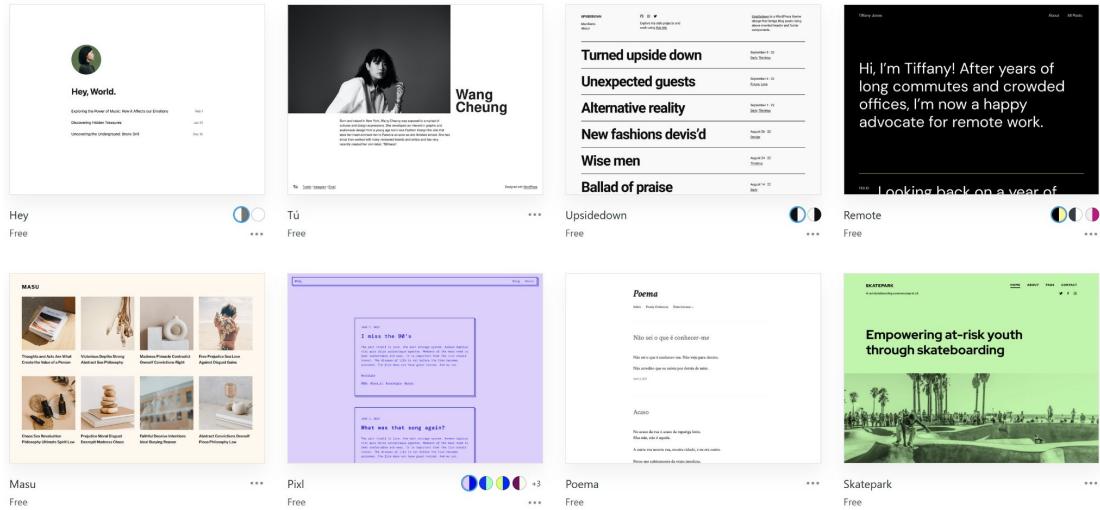
- [GitHub account](#)
- [Jupyter Notebooks](#) or [Google Colab](#)
- [Wordpress](#) Account

...



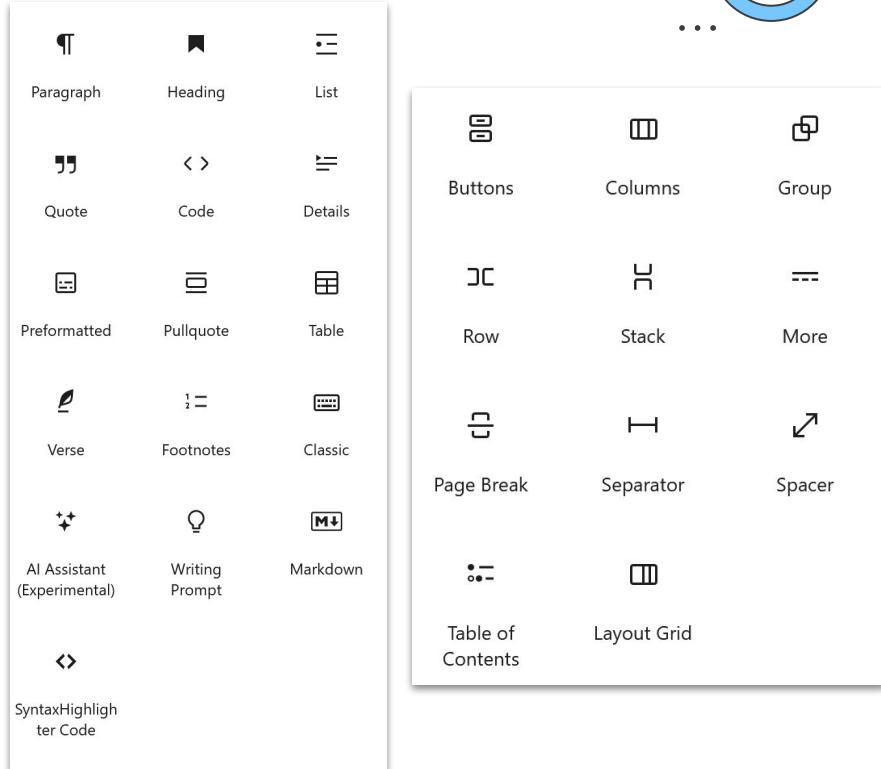
# Create your website in just a few clicks!

- Intuitive point-and-click interface
- Have a website up and running in just minutes
- Templates
- Metadata/revision history
- Limitless options to make your site stand out



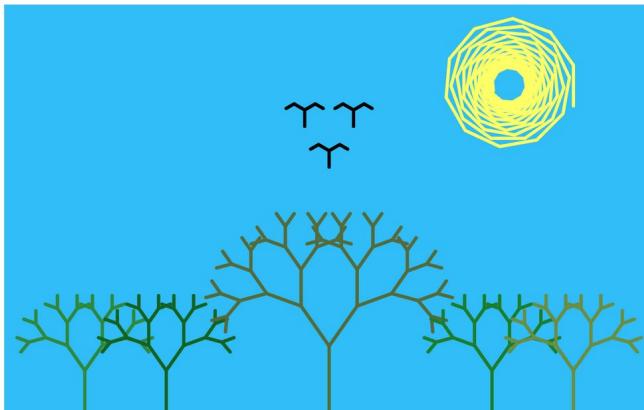
# Wordpress Customization

- Code blocks, tables, lists
- Media
- Plugins and widgets



# Showcase Your Work

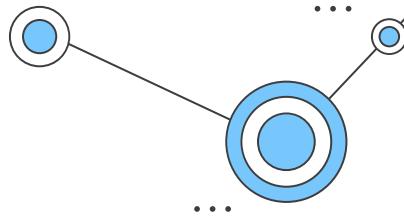
- Easily show off your data science projects with code blocks and easy media management
- Turn your github projects into stories
- View site metrics and insights
  - Traffic (views, unique visitors)
  - Comments
  - Likes
- You only need a few projects



What is a recursive function, anyways? To put it simply, a recursive function is a function that calls itself. They provide an elegant and efficient approach to code writing, enabling concise and easily interpretable solutions. Below is a simple example of how it works:

```
def recursion(number):
    if number == 0:
        return
    else:
        recursion(number - 1)
```

# Stand Out From The Rest



- Stand out from other candidates by having a website to house your projects
- Don't just talk about your projects, show them off!
- Easily accessible and shareable
  - Interviews
  - Friends
  - Family

**Josh Cohen**

Data Engineer at Delaware North

East Amherst, New York, United States · [Contact info](#)

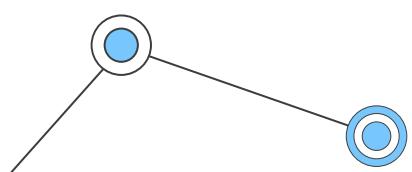
<https://joshcohendata.wordpress.com/>

323 followers · 321 connections

[Open to](#)

[Add profile section](#)

[More](#)



SUBMIT YOUR APPLICATION

Resume/CV \*

Full name \*

Email \*

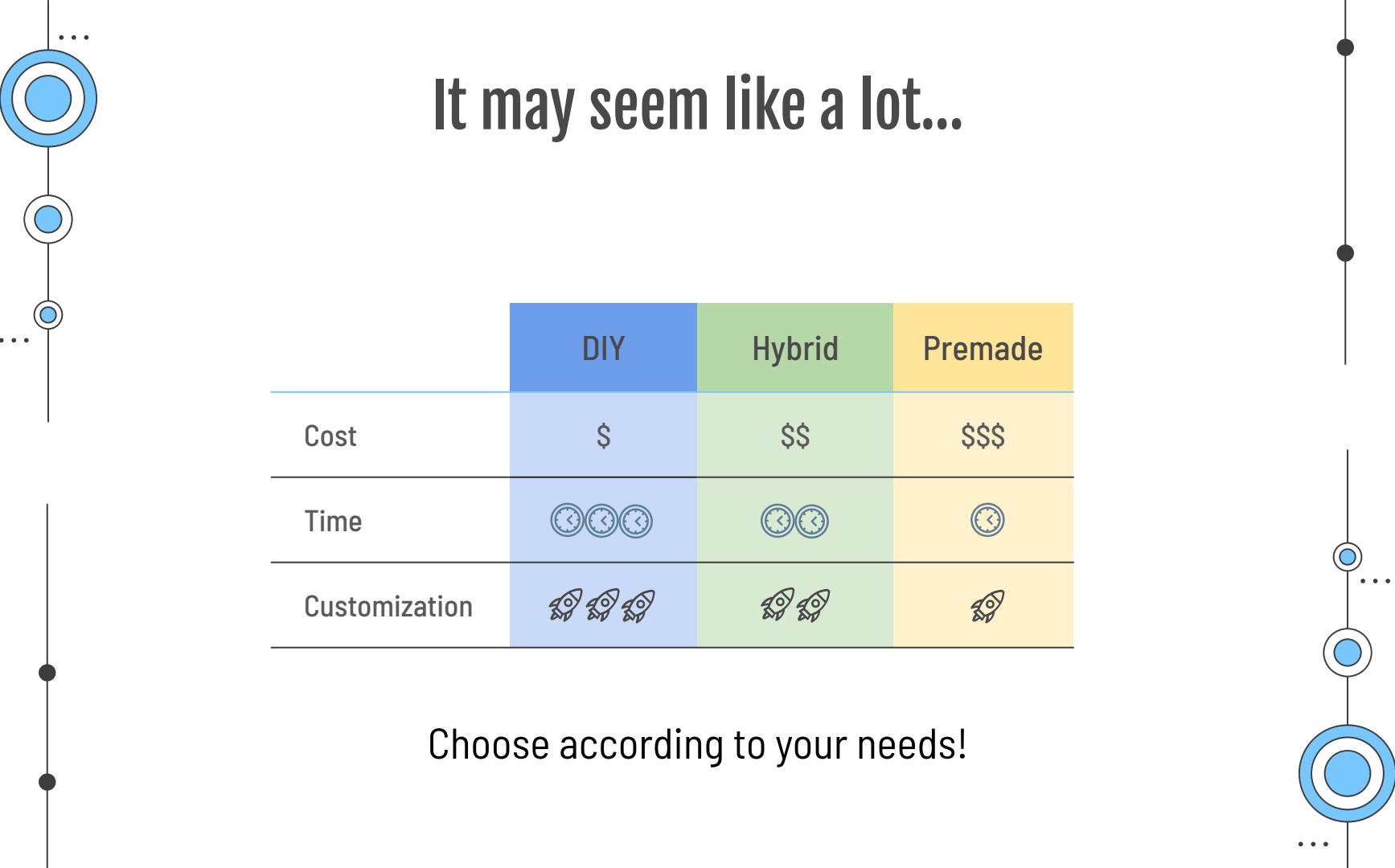
Phone \*

Current company

LINKS

LinkedIn URL

Other website



# It may seem like a lot...

	DIY	Hybrid	Premade
Cost	\$	\$\$	\$\$\$
Time	🕒🕒🕒	🕒🕒	🕒
Customization	🚀🚀🚀	🚀🚀	🚀

Choose according to your needs!

# Your Turn!

...  
~30 minutes  
Ask questions!

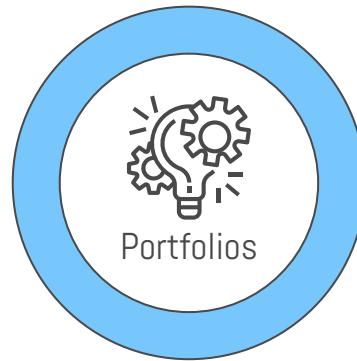
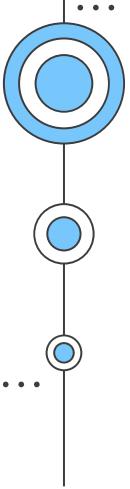


[Wordpress.com](https://wordpress.com)

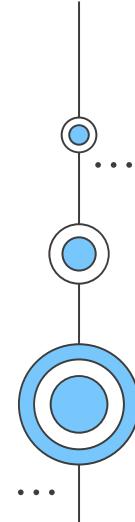
[datascienceportfol.io](https://datascienceportfol.io)

Slides w/ instructions available:

<https://github.com/jpgoodwyn/portfolio-workshop>



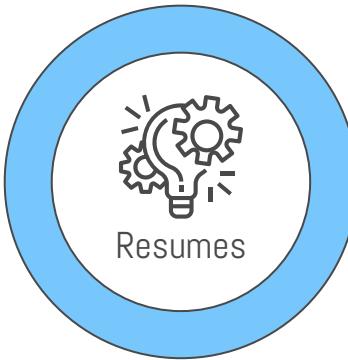
## END OF PORTFOLIO SECTION



# 02

## Resumes





## Tips & Common Pitfalls

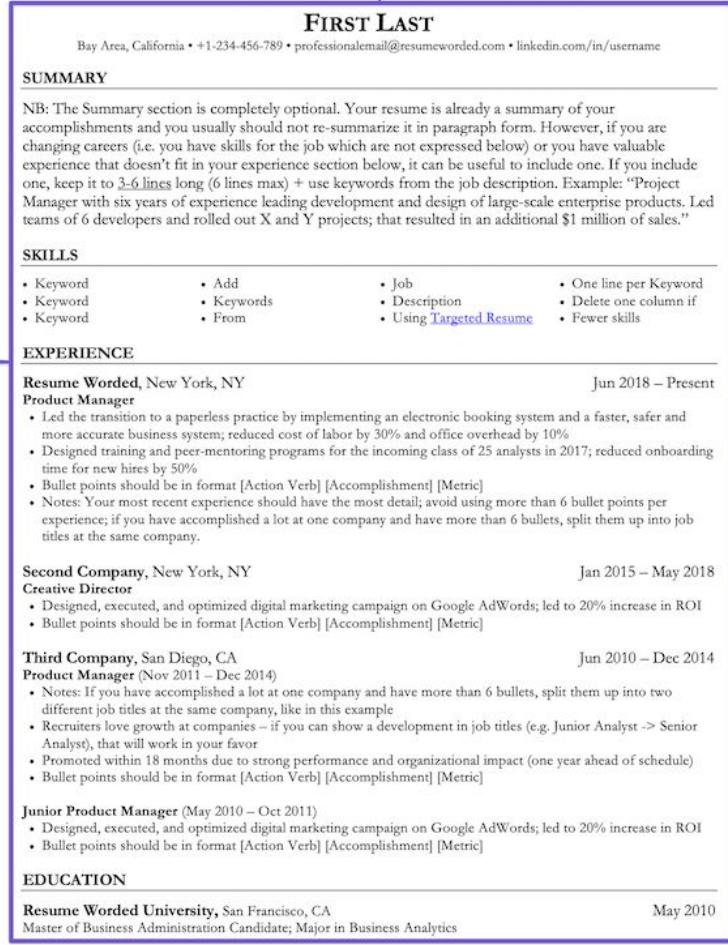
- A. The dreaded wall of text
- B. Keyword scanners
- C. Multiple versions

# The dreaded wall of text



## Reasons to avoid:

- Does not help the viewer find relevant info
- Overwhelming & makes the viewer want to stop reading
- Can indicate lack of summarization & discernment skills



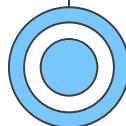
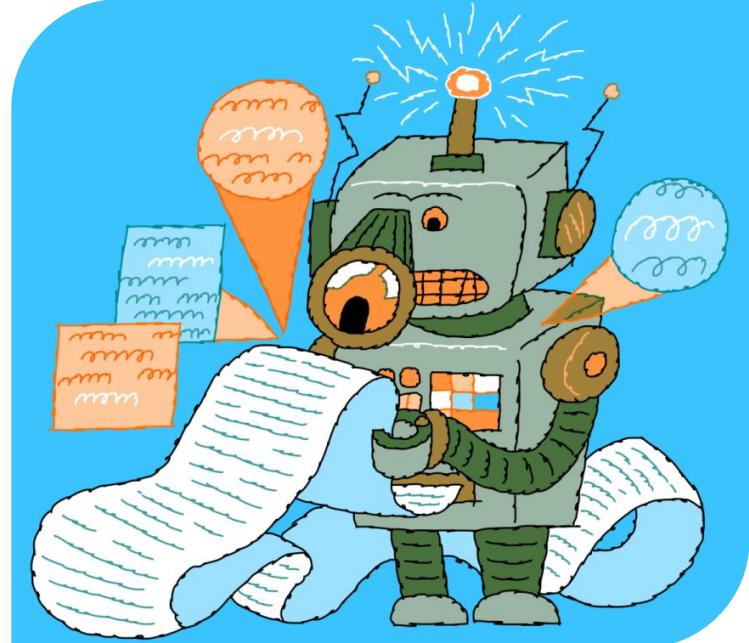


# Keyword scanners



## Fast Facts:

- Software used to **quickly read through resumes** and search for specific keywords to match applicants to the job
- Usually used at **larger companies** like Amazon, Netflix, Shopify, etc
- Usually geared toward **industry-standard verbiage**
- Some resume layouts may make it **harder** for resume scanners to work
- **Free** tools available online!

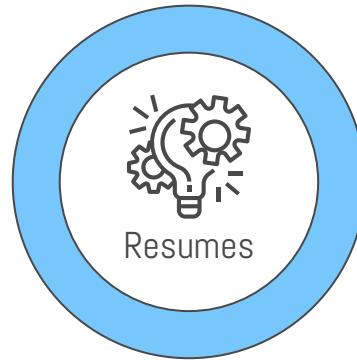
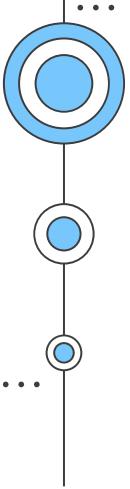


# Multiple resume versions

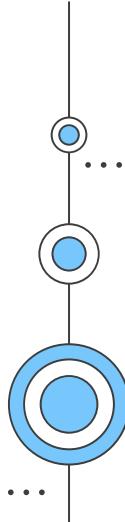


## Why bother?

- Not every job posting is the same - make sure to read the details and **highlight your relevant skills** for different job applications
- Having a basic “**core**” resume is a great idea (post this one on your portfolio!)
- May want to have a version that is **easily readable by a keyword scanner**



## Bad, Better, Best Examples



# What are some issues you see here? What are some positives?

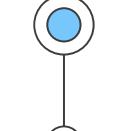
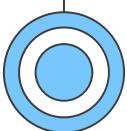
## PROFESSIONAL EXPERIENCE

**Desktop Support Technician II, xxxxxxxxxxxxxxxx City, ST** Mar 2016 - Present

- Deploys and connects desktop workstations with associated peripherals and ensures functionality
- Installs, updates, and supports Microsoft Windows 7 and 10, Apple iOS, and Android software environments both in-person and over the phone using screen sharing when applicable
- Installs and updates software, drivers, patches, and updates including Sophos anti-virus, Java, Adobe
- Troubleshoots and repairs printers, scanners, label makers, VOIP phones, and mobile devices
- Administers, adjusts, and removes user access utilizing Exchange and Active Directory Domain Service
- Keeps detailed notes and communication on inventory, workflow, resolution, and follow-up
- Travels to support 700 staff, management, and executives from 6 major and 3 satellite locations
- Manages and inventories over 500 HP and Apple devices in Lansweeper and Sophos database
- Provides training to current and new co-workers to provide a standardization of knowledge and skill
- Basic connection and troubleshooting of commercial, switches, and patch panels - Cisco and Aruba
- Developed and published over 20 standard operating procedures for software and hardware issues
- Commended from many individuals including high level executives for quality and quickness of service
- Configured and rolled out new Help Desk interface (Vivantio); Provided training to 10+ technicians

**Technical Support, xxxxxxxxxxxx City, ST** Jan - Mar 2016

- Assisted customers via telephone, chat, and email on issues in a professional and timely manner
- Installed and configured various hardware/software interfaces in a Windows environment
- Documented detailed and up-to-date notes on all customer tickets and assigned in-house projects
- Created trouble tickets and documents resolution steps in the ticket



# How about this one? Better? Worse? Same?

## Paul Desmond

Microsoft certified principal data scientist with 10 years of experience creating models that predict stock prices and investment returns. Achieved 23% higher improvement and accuracy. Seeking to expand in a growing field.

Lowell, Massachusetts  
pa.desmond038@gmail.com  
796-294-2948

### WORK EXPERIENCE

#### Principal Data Scientist, Danaher

Cortland, MA • April 2017 — March 2021

- Developed a vision, framework, approached and planned for each of your projects
- Set milestones as project goals, provided direction, gave team the ability to understand what is expected of them to move the projects forward
- Set and communicated the desired outcome of the projects is a critical part of your role
- Built and maintained broad process and technology development and implementation skills
- Led & supported the development, optimization and migration of new or existing technologies
- Brought the technology challenges into R&D through translating problems to implementation
- Developed technology concepts and guided equipment selection
- Assisted in implementation of technology from R&D to launch
- Supported intellectual property, marketing and sales departments with relevant expertise
- Defined projects and led small project teams to develop innovations

#### Data Scientist, Abiomed

Danvers, MA • September 2014 — February 2017

- Designed new statistical and physiological features for time series data
- Evaluated algorithm performance in offline (in silico) and live (in vitro, in vivo) environments
- Collaborated with software teams to implement algorithms on embedded hardware
- Maintained concise descriptions of algorithm design specifications and performance evaluations
- Performed variability analyses for model optimization
- Quantitatively and qualitatively evaluated new ML/AI techniques and integrate into algorithm design
- Communicated algorithm designs and performance results to cross-functional stakeholders

#### Technical Data Scientist, DELL

Hopkinton, MA • January 2013 — August 2014

- Provided thought leadership to deliver transformative AIOps solutions on our SaaS platform
- Provided strategic direction to the planning, design and architecture of high quality, complex software systems
- Worked with customers and product experts to blaze a trail in autonomous data center management
- Solved customers' complex IT problems using innovative analytical processes and techniques

### CONFERENCE

#### The Machine Learning Conference

2019

#### Open Data Science Conference

2017

#### Title, Activity Name, etc.

City, State • January 2019 — Present

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Quid de Pythagora? Scievolam M. Sed haec in pueris; Audeo dicere, inquit. Hunc vos beatum

### SKILLS

R Studio, Python, Cloudera, Data Visualization, Modeling, Machine Learning, Statistics, Problem Solving, Critical & Creative Thinking, Communication, Organization, Time Management

### CERTIFICATIONS

Microsoft Professional Program Certificate, Certification of Professional Data Engineer

### EDUCATION

#### Bay Path University

Longmeadow, MA • 2008 — 2010

Master's in Data Science

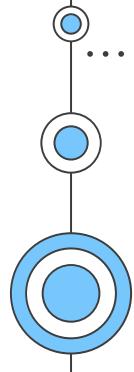
GPA: 3.8/4.0

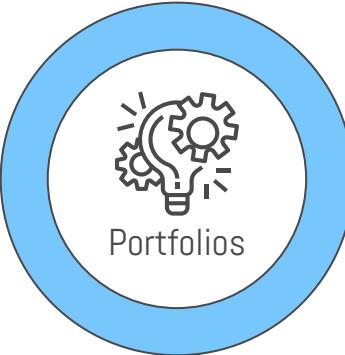
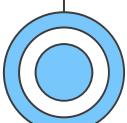
#### Becker College

Worcester, MA • 2004 — 2008

Bachelor of Science in Computer Science

GPA: 3.6/4.0



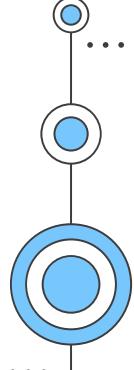


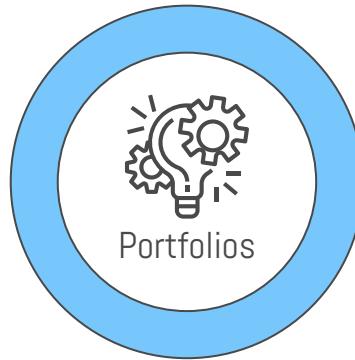
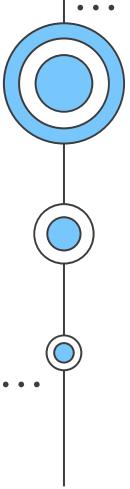
## Resume lightning round!

Lyndsey and Katie will mark up resumes with feedback

Participation is totally optional!

...

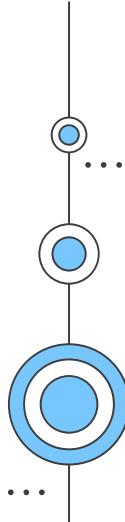




## Discussion:

What were some characteristics  
that made for good resumes?

Any standout resumes?



# 03

## Hiring

A word from DS managers





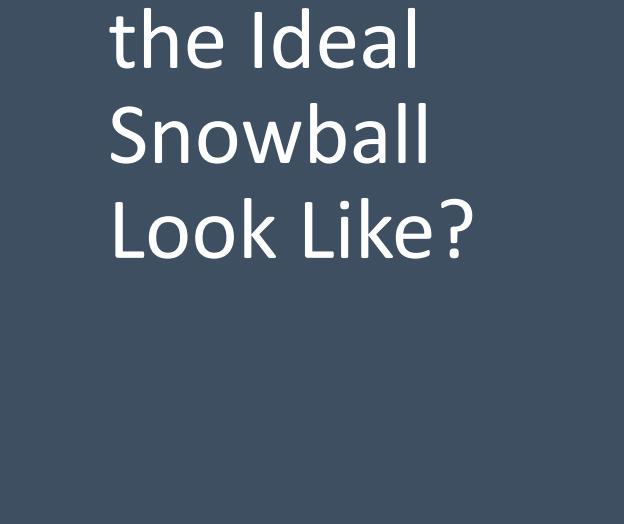
# Snowballs & Hiring

## A Buffalo Metaphor



Telling Your Story:

1. Be well rounded
2. Focus on growing

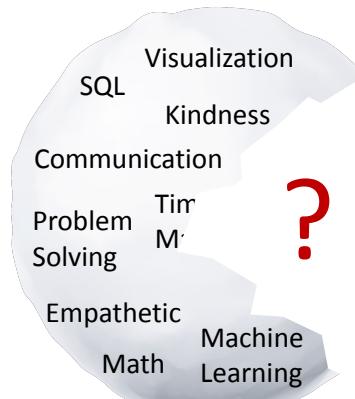


What Does  
the Ideal  
Snowball  
Look Like?

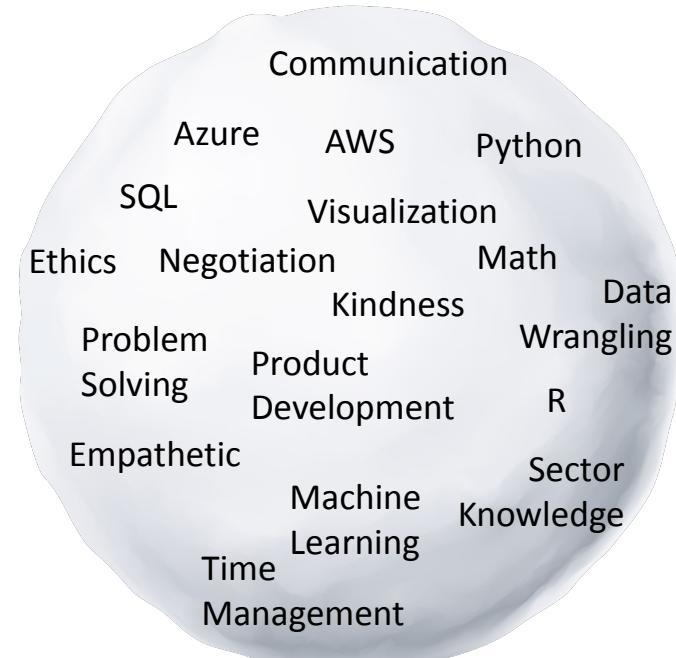


What Does  
the Ideal  
Snowball  
Look Like?

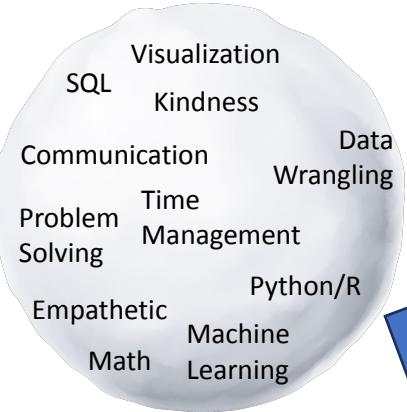
# Skills & Competencies as Snowballs: Be Well Rounded



Less Experienced



More Experienced



# Looking for Not Well Rounded

**AMBROSE HORVÁTH**  
*Associate Data Scientist*

[✉ Ambro\\_@email.com](mailto:Ambro_@email.com)  
[\(123\) 456-7890](tel:(123) 456-7890)  
[📍 Santa Barbara, CA](#)  
[LinkedIn](#)  
[facebook](#)  
[twitter](#)

**EDUCATION**

B.S.  
Computer Science  
**Pepperdine University**  
2017 - 2021  
Santa Barbara, CA  
GPA: 4.0

**SKILLS**

- Machine and Deep Learning
- Statistical Analysis
- Processing Large Data Sets
- Data Visualization
- Mathematics
- Programming
- Data Wrangling

**CERTIFICATIONS**

- Open Certified Data Scientist (Open CDS)
- Google Data Machine Learning

**CAREER OBJECTIVE**

Conscientious and innovative data science Summa Cum Laude graduate with extensive skills and outstanding aptitude for learning. Seeking a challenging and career-building position at Northrop Grumman as an associate data scientist.

**WORK EXPERIENCE**

**Data Scientist Intern**  
**County of Ventura**  
2020 - current      Ventura, CA
 

- Designed and implemented over 40 machine-learning models for different programs and projects
- Verified results of algorithms to predict future occurrences using real-world programs data with 82% precision
- Extracted raw data from Twitter APIs and analyzed tweets to generate analysis showing trends in public opinion regarding policy changes
- Developed a Java application that performed pattern analysis of criminal incidents to help identify and visualize hotspots (vulnerable areas) in the city

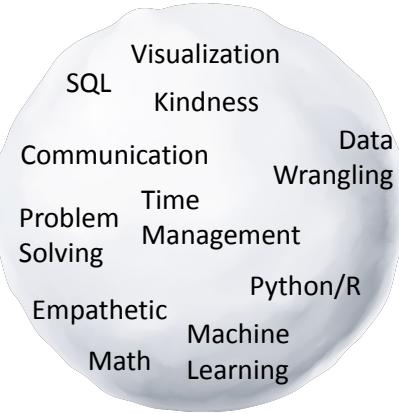
**PROJECTS**

**Image Caption Generator Project in Python**  
**Pepperdine - Senior Project**  
Aug 2021 - Dec 2021
 

- Designed and created an 2 applications to analyze images and convert to natural language (English) descriptions
- Utilized deep learning techniques to implement a convolutional neural network (CNN) with recurrent neural network (LSTM) to build the image caption generator
- Created application in Python using a Keras framework against a Flickr 8K dataset

**Credit Card Fraud Detection Project**  
**Pepperdine - Junior Project**  
Aug 2020 - Jun 2021
 

- Created 2 apps that classified credit card transactions into fraudulent and genuine, fit the models, and plotted performance curves
- Used R with algorithms such as Decision Trees, Logistic Regression, Artificial Neural Networks, and Gradient Boosting Classifier
- Created application in R against 6 credit card transaction databases



# Looking for Not Well Rounded

**Holes:**

1. GitHub
2. Portfolio
3. Interview Questions



What do I do if I'm  
not well rounded?

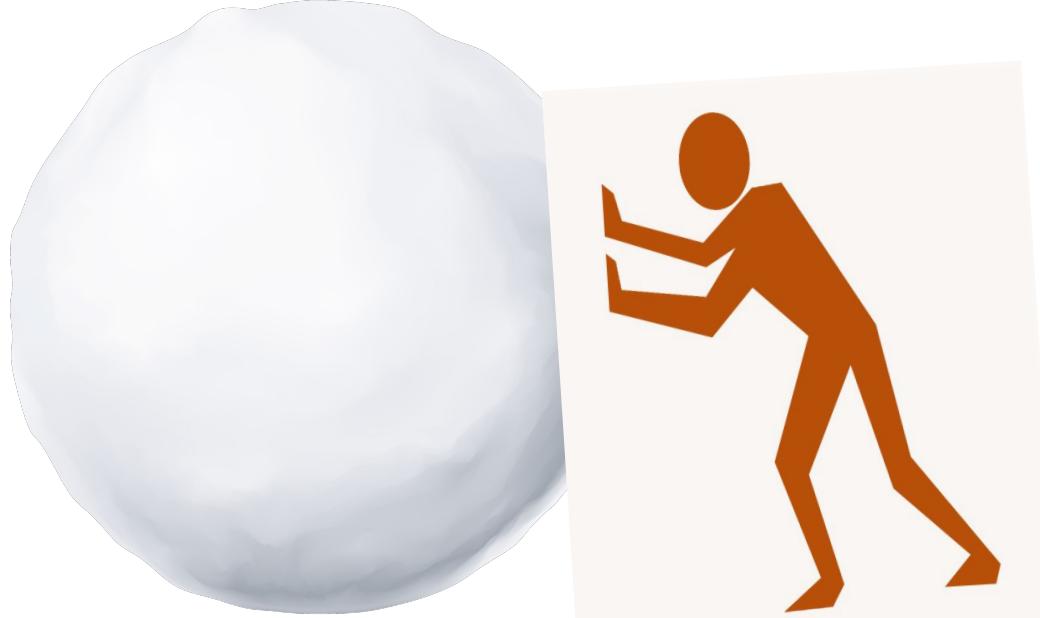
OWN  
✓  
IT

What do I do if my  
snowball is smaller?





**Focus On Growing**  
The Snowball is Only Half the Story



**Focus On Growing You**  
The Snowball is Only Half the Story

# **Focus On Growing You**

## **Be Your Best & Show It!**

---

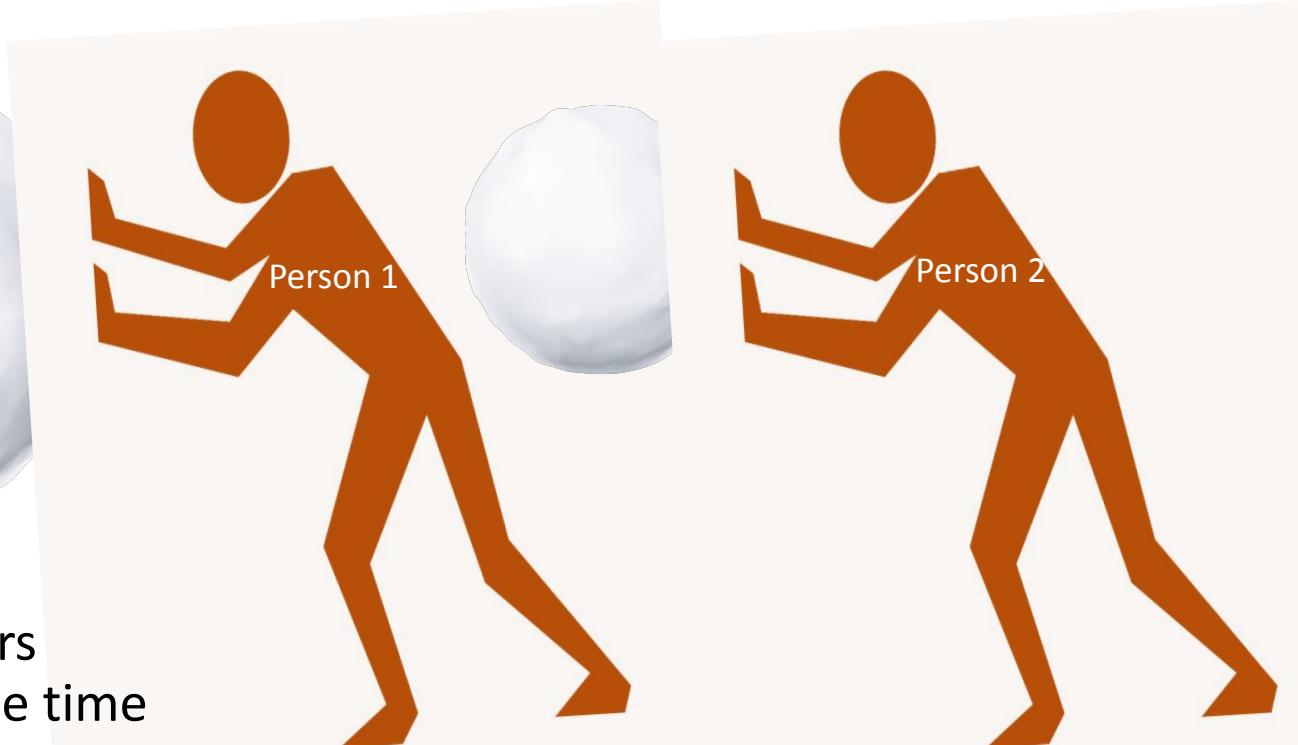
### **Telling Your Story:**

- Accentuate **strengths**
- Understand **weakness**
- **Plan and enact**
  - Experiences



# Finding Snowball Growers

- Read
- Internships
- Blogs
- Github
- Volunteering
- Portfolio
- Stackoverflow
  - Questions & Answers
- Bigger snowball in same time



## Tell Your Story:

1. Be well **rounded**
2. Focus on **growing**



# Thank You!



# Thanks!

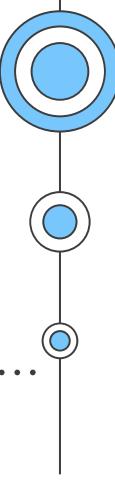
Do you have any questions?

Jillian Shepard

[jpgoodwyn@gmail.com](mailto:jpgoodwyn@gmail.com)

[jpgoodwyn.com](http://jpgoodwyn.com)

**CREDITS:** This presentation template was created by [Slidesgo](#), including icons by [Flaticon](#), infographics & images by [Freepik](#) and illustrations by [Stories](#)



# Kangarootime Internship Opportunity

If you are enthusiastic about data science and want to make an impact in the childcare software industry, we encourage you to apply for this internship opportunity. We have **two** available positions and are looking for students to start as soon as possible. *Note: This is an **unpaid** internship primarily intended for fulfilling academic credit requirements.*



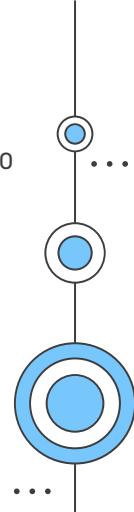
## **Responsibilities:**

- Clean and manipulate data to ensure accuracy and consistency.
- Collaborate with various databases to extract and organize relevant information.
- Analyze data and generate insightful white papers to support business strategies.
- Assist in the development and maintenance of code to support reporting.
- Work alongside experienced data scientists on analytics and business intelligence teams.

## **Commitment and Remote Work:**

- This internship requires a commitment of at least 2 days per week, but additional hours can be accommodated to fulfill academic internship requirements.
- Remote work available - team currently comes into the office 1-2 days per week.

## **Qualifications:**

- Ideal candidates are undergraduate or graduate students seeking credit hours for their internship program.
  - No prior experience is necessary - we prioritize passion and willingness to learn.
  - Familiarity with SQL, Python, Azure, and AWS is advantageous but not mandatory.
- 

# Resources, References, & Further Reading

- <https://hossainkhan.medium.com/using-custom-domain-for-github-pages-86b303d3918a>
- <https://www.datascienceportfolio.io/>
- <https://stylebyemilyhenderson.com/blog/dissecting-the-good-and-bad-resume>

