

Data Scientist Resume: Sample and Complete Guide [20+ Examples]



Tom Gerencer
Career Writer

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Steve Nouri
<https://www.linkedin.com/in/stevenouri/>

There are 2.3 million data science jobs in the U.S.

IBM predicts that number will grow 28% by 2020.

You could write your data scientist resume in COBOL and get the job. Right?

Well, yes, except for all those smart people. They're battling it out like *League of Legends* players for the top few unicorn jobs.

You know, the jobs with a full year of paid paternity leave and \$200,000 salaries.

To land *those jobs*, your data science resume must stand out like DJ Patil at a Chuck E. Cheese.

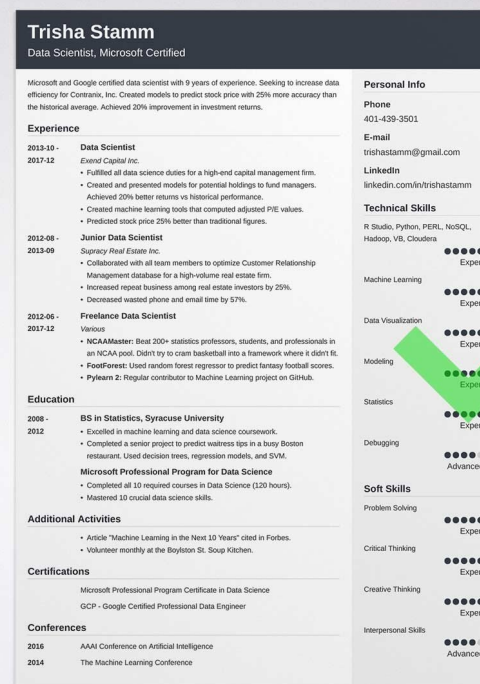
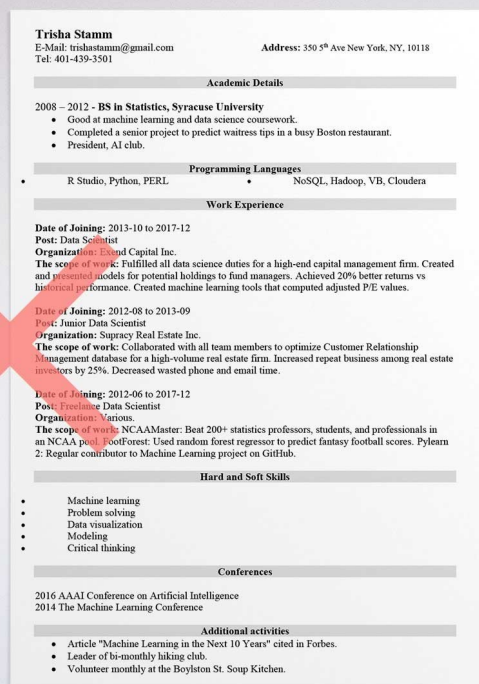
- A data scientist resume example better than 9 out of 10 other resumes.
- How to write a data scientist resume that lands more interviews.
- Tips and examples of how to put skills and achievements on a data science resume.
- How to describe your experience on a resume for data scientists to get any job you want.

Here's a sample resume for a data scientist made using our resume builder:

Want to save time and have your resume ready in 5 minutes? Try our resume builder.

It's fast and easy to use. Plus, you'll get ready-made content to add with one click.

[See 20+ resume templates and create your resume here.](#)



Sample Data Scientist Resume—[See more templates and create your resume here.](#)

[I used] a nice template I found on Zety. My resume is now *one page* long, not *three*. With the same stuff.

CREATE YOUR RESUME NOW

Note: We have designed all our resume templates to be **ATS-scannable**.

1

What's the Best Format for a Data Scientist Resume?

You're a data scientist.

Your job is pulling golden needles from fields of haystacks.

Your data scientist resume must be the needle, not the haystack.

Pick a trusted layout like [reverse-chronological](#).

It's the best data science resume format. It puts your most recent work achievements first.

Use clear fonts like Cambria or Arial. Delineate them with big headings. Add white space to avoid that "drowning in data" feeling.

Last, save it as a PDF. Data scientist resume PDFs stay clean across machines. MS

Pro Tip: While PDFs are best, check the job description first to make sure they aren't outlawed. Always choose the format suggested by the job posting.

Want to make sure your resume will hook every recruiter and get you that interview?

Get our free checklist and learn what makes a job-winning resume: [*46 Things You Need To Do Before You Send Your Resume*](#)

Want to investigate other data science resume formats? See our guide: [*3 Resume Formats: How to Choose the Best One \[Examples\]*](#)

2

How to Write a Resume Summary or Resume Objective

Come with me. We'll sneak into the recruiter's office. Her name's Beth.

Mmm. Looks like she's having cheesecake factory for lunch.

She's also buried in a pile of 300+ data science resumes.

Yours is in there somewhere, like a key fact in a spreadsheet with a billion rows.

Catch the recruiter's eye with a data scientist resume summary or a resume

A **resume summary** is for data scientists with petabytes of experience. It uses that experience to prove you fit the job.

A **resume objective** sells your skills and passion. Write one if you're basically like Ultron: new and powerful.

Let the following data science resume examples be your guide.

Data Scientist Resume Examples [Resume Summaries]

Spot the difference in these sample data scientist resume summaries:

WRONG

Data scientist with 9 years experience seeks new position. Skilled in statistics, machine learning, **critical thinking**, and data visualization.

That's actually not terrible. You could qualify for a lower-tier data engineering job with that.

But check out our next resume sample for a taste of excellence:

RIGHT

RIGHT

Microsoft and Google certified data scientist with 9 years of experience. Seeking to increase data efficiency for Contranix Capital Inc. Achievements include creating data regression models to predict company stock prices with 25% more accuracy than historical average. Achieved 20% improvement in investment returns across all clients. Highly skilled in machine learning, data visualization, and [creative thinking](#).

Kerpow! You just went from average to Andrew Ng. All you had to do was add some measurable accomplishments.

And here's some good news—

When making a resume in our builder, drag & drop bullet points, skills, and auto-fill the boring stuff. Spell check? *Check*. Start building [your resume here](#).

What did you do at Seton Hospital as a Senior Project Manager?

👁️ PREVIEW | 💡 TIPS

Use our expert recommendations below to get started.

B *I* U

- Oversaw all major hospital IT projects for **10+ years**.
- Responsible for creating, improving, and developing IT project strategies.
- Implemented the highly successful *Lean Training* and *Six Sigma* projects.
- Reduced the costs of IT infrastructure maintenance **by 5%** in 2018.
- Closely collaborated with project members to identify and quickly address problems.
- Created full-fledged implementation plans, accounting for ROI, cost-benefit and other analyses.

Senior Project Manager

ADD

Produced [Type] and [Type] reports each [Timeframe], updating customers and senior leaders on progress and roadblocks.

REMOVE

Closely collaborated with project members to identify and quickly address problems.

ADD

Outlined work plans, determined resources, wrote timelines and generated initial budgets as part of project scope determination for [Type] projects.

REMOVE

Created full-fledged implementation plans, accounting for ROI, cost-benefit and other analyses.

BACK

SAVE & NEXT

When you're done, [Zety's resume builder](#) will score your resume and tell you *exactly* how to make it better.

Don't have much experience? Check out our next two data scientist resume examples.

Two Entry-Level Data Scientist Resume Objectives

But if you've got experience, flaunt it, or you'll easily get beaten out.

Don't do it like the first of these [entry-level](#) data science resume examples:

WRONG

Entry-level data scientist, seeking a machine learning or data engineering job.
No real-world experience yet but I'm eager to get into the Big Data field.

That drops the ball like conflating correlation with causation.

But with details, even a new data scientist can build this kind of resume objective:

RIGHT

Junior data scientist with 3+ years of experience in project work and freelance jobs. Beat 200+ statistics professors and big data professionals in an NCAA pool, by building models that fit the problem best. Skilled in machine learning, statistics, problem solving, and programming.

Remember Beth? Our faithful recruiter?

She wanted proof that you could do the job.

That junior data scientist resume example just gave it to her.

Pro Tip: Participate in Kaggle challenges online. Some pay in cash prizes or job interviews. Plus, you can list any wins on a resume for data science positions.

Want your resume to work like Hadoop? See the data science resume sample up top. Also, check out our guides:

[How To Write A Resume Summary: 21 Best Examples You Will See AND 20+ Resume Objective Examples—Use Them on Your Resume \(Tips\)](#)

3

How to Describe Your Data Scientist Experience

You're good.

You can basically concoct a Bayesian neural network during snack time.

But the hiring manager won't know that unless you prove it in your data scientist resume.

So, don't just *show* experience.

Show the *right parts* of the *right experience* to get the job.

The next two data analyst resume samples show how to do it right (and wrong).

Data Scientist Resume Examples [Experience]

Look at these two data science resume samples:

RIGHT

Exend Capital

Data Scientist

2013-2017

- Fulfilled all data science duties for a high-end capital management firm.
 - Created and presented models for potential holdings to fund managers. Achieved 20% better returns vs historical performance.
 - Created machine learning tools that computed adjusted P/E values.
 - Predicted stock price 25% better than traditional figures.
-

Now that's a data scientist resume indeed! The recruiter just forgot what "quantile" means. Your well-engineered data science job resume just blew it from her mind.

Here's how to bork it:

WRONG

WRONG

Exend Capital

Data Scientist

2013 - 2017

- Worked as a data scientist for a capital management firm.
 - Created and presented models for potential holdings.
 - Created machine learning tools to compute adjusted PE values.
-

Like an empty data set, that lacks details.

You *must* show proof to get the recruiter to stop skimming.

But what if your experience is null?

If that's you, check out the following fresher data scientist resume examples.

How to Write a Resume for a Data Scientist with no Experience

Don't have experience? Get a little, fast.

Do a couple [Kaggle challenges](#). Take on some freelance jobs through Upwork.

Contribute to some open source projects on GitHub.

You can even just do data science projects on your own time, or list the ones you did in school.

They won't take years or even weeks. Even so, they'll make a machine learning resume stand out like Corinna Cortes at a NASCAR race.

These two data scientist resume examples spotlight the correct approach.

Two Data Scientist Resume Samples [No Experience]

The first of our sample data science resume snippets has a major flaw:

WRONG

Data Scientist Experience: No real world experience yet, but I'm very passionate.

Other Experience:

- Retail
- Paper Route

You might as well just say, "Mongo only pawn in game of life."

But add a few hours of freelance work and projects, and even an entry-level data science resume looks like this:

RIGHT

Freelance Data Scientist

2016-2017

NCAAMaster: Beat 200+ statistics professors, students, and professionals in an NCAA pool by finding the right data models for the job.

FootForest: Used random forest regressor to predict fantasy football scores.

Pylearn 2: Regular contributor to Machine Learning project on GitHub.

Boom. You went from zero to the next Tim O'Reilly with a couple days of work.

Almost anyone can make a good data scientist resume like that.

Also check the Kaggle job board, Indeed, DataJobs, and Triplebyte. Look for jobs with startups on the HackerNews and AngelList.

Remember, there are **tons** of data science jobs out there, with **almost 30% more by 2020**.

Pro Tip: Don't just pick any old achievements or skills for your data scientist resume. Match your bullet points to the job description like WEKA to a massive data set.

A bored recruiter is a vanishing recruiter. Electrify her with action words in your data science resume. Get some here: ***80+ Examples of Resume Action Words for Every Profession***

Is Your Education Section Missing Data? It Might Be

Education matters more for entry-level data scientists.

But even a senior data scientist resume can use it as a springboard to get hired.

Here's how to make yours shimmer:

First, add the basics:

- College Name and Location.
- Years in School.
- Degree.

Then tie it to the job offer like probability to p values.

Check out these two professional data science resume examples:

Data Scientist Resume Examples [Education]

Both of these sample data scientist resume clips target the same job. It values **statistics, machine learning, data regression, and AI.**

RIGHT

BS in Statistics, Syracuse University

2008-2012

- Excelled in **machine learning** and data science coursework.
- Completed a senior project to predict waitress tips in a busy Boston restaurant. Used decision trees, **regression** models, and SVM.
- President, **AI** club.

Microsoft Professional Program for Data Science

- Completed all 10 required courses in Data Science (120 hours).
- Mastered 10 crucial data science skills.

That's no mere data scientist. It's Sandy Pentland in disguise. It plugs into the job description like a NoSQL query.

Not so the next of our data science resume examples.

WRONG

BS in Statistics, Syracuse University

2008 - 2012

- *GPA 3.2*
- *Completed all core coursework.*

That's the *hello world* of resume material.

But sprinkle in those details, and you're back in Daphne Koller mode.

Pro Tip: Should you add your GPA to a resume for a data scientist? If you're a recent graduate, you sort of have to. If not, only add it if it's impressive.

Want to make your data scientist resume stand out like Sherlock Holmes with Cloudera skills? See this guide: [How to Put Your Education on a Resume \[Tips & Examples\]](#)

5

How to Put Skills on a Resume for a Data Scientist

Let's sneak up behind the hiring manager again.

She's on resume #259.

(She needs a big data analyst to help her sort through all the big data analyst resumes.)

Everybody lists them all.

Yet no one proves a word of it.

So how can you list skills without flunking the Turing test?

Our next two data science resume examples explain.

Data Scientist Resume Examples [Skills]

Our hiring manager, Beth, put these skills in the job description:

Data Science Skills: *Collaboration, CRM, Database Management, Data Visualization.*

So, add them to your resume. But don't stop there.

Prove them in your bullet points like in this data scientist resume skills example:

- **Collaborated** with team members to optimize **CRM database** for a high-volume real estate firm.
- Decreased wasted phone and email time by 57%.
- Used **matplotlib** to create **real-time ROI graphs** that helped the teams focus on high-profit business. This led to a 20% increase in annual profit.

That ties skills to achievements like Spark to Zeppelin.

Use the skills below to launch the process.

Let's get you up and running with a list of data science skills.

Add to it from data scientist resumes on Indeed and other online sources.

Data Scientist Resume Skills

Soft Skills	Hard Skills	Tools Skills
Communication	Data Analysis	R Programming
Collaboration	Mathematics	Python
Creative Thinking	Statistics	NoSQL
Critical Thinking	Data Visualization	Hadoop
Problem Solving	Programming	OpenRefine
Active Learning	Quantitative Analysis	TensorFlow
Perceptiveness	Machine Learning	Matplotlib
Generating Hypotheses	Debugging	Cloudera
Judgement	Modeling	PERL
Interpersonal Skills	Probability	VB

Data Scientist Resume Skills

Use the plan above, and your data science resume will have you scoring Google/Yahoo/Splunk type jobs in no time.

Pro Tip: Don't overfit your skills to the job description. Toss in a few they didn't ask for.

Want to make a resume for data science jump off the page? See the machine learning sample resume up top. Also, see this guide: [*30+ Best Examples of What Skills to Put on a Resume \(Proven Tips\)*](#)

6

How to Show Certifications on a Resume

Let's get back to Beth, our hiring manager.

She likes certifications on her data scientist resumes.

They're not the holy grail, but they do prove a base level of competence.

But not if you hide them in a wall of words.

Got a certification that features prominently in the job description?

Add it to your name. Plus, put it in your job summary, and in a certifications section.

Like this:

- *Microsoft Professional Program Certificate in Data Science*
- *GCP—Google Certified Professional Data Engineer*

The big data field serves up lots of certifications. One of the most prestigious is [Microsoft's](#). It's a 120+ hour comprehensive course.

A good data scientist resume might show any of the following:

- Microsoft Professional Program Certificate in Data Science
- GCP – Google Certified Professional Data Engineer
- Cornell Data Analytics Certification (Online)
- CHDA – Certified Health Data Analyst
- CAP – Certified Analytics Professional

Don't have a certification? Don't fret. What matters most is your experience, and how well it fits the job requirements.

Pro Tip: If you land the interview, get ready for some FizzBuzz problems. Review topics like recursion, arrays, graphs, and stacks. Do lots of practice problems too.

Want other tips to make your data scientist resume gleam like Sheldon Cooper's? See our guide: [What To Put On A Resume To Make It Perfect \[Tips & Examples\]](#)

How to Add Other Sections for an Effective Resume

Think of your resume like a great data visualization.

The data it needs to visualize is you.

It has to show you're more than just experience and education.

In other words, you're great to work with.

Show that with "other" sections that share your depth and passion.

The next two data science resume examples light the way.

Data Scientist Resume Examples [Other Sections]

This sample R programming resume "other" section bonks:

WRONG

-
- I hold several records in World of Warcraft.
 - I make an amazing brisket.
-

But do they make you a better data scientist?

For contrast, check out this far superior data scientist resume example:

RIGHT

Conferences

- AAAI Conference on Artificial Intelligence (2016)
- The Machine Learning Conference—Spoke on a Panel About AI (2014)

Awards

On team that won the Kaggle "Titanic: Machine Learning" challenge

Additional Activities

- Article "Machine Learning in the Next 10 Years" cited in Forbes
 - Leader of bi-monthly hiking club
 - Volunteer monthly at the Boylston St. Soup Kitchen
-

That's a Norvig-worthy "other" section.

Even the volunteering and the hiking help. They show leadership and service. You can add GitHub and other projects, too.

Yet anyone can make a data scientist resume like that

Pro Tip: Need more recruiters to impress with your great data science resume? Start answering questions on Stack Overflow. Hiring managers use it to recruit.

Need more help to hone your data science resume "other" sections? See our guide:

[20+ Best Examples of Hobbies & Interests To Put on a Resume \(5 Tips\)](#)

8

Here's the Most Common Myth About Cover Letters

Recruiters *do* read data scientist cover letters.

So why do "experts" say they don't?

Because no one reads "Here is my data science resume" type cover letters.

They're wasted space.

Smart candidates use that space to get a resume read carefully.

First, make it personal. Use the hiring manager's name.

Second, show your passion for *this* data science job.

Third, show specifically how you can help.

Dear Trent,

I've wanted to work for Valens Securities for several years. Your take on the limitations of GAAP fits perfectly with my skill set. I believe my work with data-regression models for company P/Es would be extremely valuable in your quest to adjust for accounting anomalies. My achievements include...

Finish with a request. "Can we set up a call to talk about improving *[METRIC XYZ]*?" works great.

Plus, a great cover letter that matches your resume will give you an advantage over other candidates. You can write it in our [cover letter builder here](#). Here's what it may look like:

Resume

Angela Tackett
Tier 2 Technical Support Specialist

Personable tech support representative with 4+ years of experience analyzing issues with drone hardware and software. Achieved company-high retention rate of 99.32% Seeking to ignite career with the team at Argo Drones.

Personal Info

Address
350 5th Ave
New York, NY 10118

Phone
555-555-4321

E-mail
angela.tackett@gmail.com

LinkedIn
linkedin.com/in/angela-tackett

Skills

IT Help Desk ■■■■■
Ticketing (Excellent)
Mac & Windows OS (Excellent)
ShareTel Phone System (Advanced) ■■■■■
Printer Support (L.G. Ricoh) (Intermediate) ■■■■■

Languages

Spanish ■■■■■
(Intermediate)
French ■■■■■
(Beginner)

Experience

Jan 2011 - Dec 2016 **Tier 2 Technical Support Specialist**
Silicon Circuitry, Inc.

Key Responsibilities

- Mentored fast-paced team of 12+ technical support specialists.
- Efficiently cultivated fresh outsourced help desk team.

Key Achievements

- Achieved company-high customer retention rate of 99.32%
- Quickly promoted from Tier 1 to the Tier 2 team due to extensive knowledge of help desk ticketing system and help desk software.

Jan 2010 - Dec 2010 **Secretarial Assistant**
Carson Logistics, LLC

Key Responsibilities

- Managed and delegated phone and online tickets for clients.
- Encouraged and influenced potential clients on company portfolio decisions, cutting down on false leads.
- Instituted customer promotional survey to assess brand demand, which soon became adopted company-wide.

Key Achievements

- Implemented storage solution leading to 17% cost reduction.

Education

Sep 2017 **Columbia School of Journalism, New York, NY**

- Majoring in Investigative Journalism
- 3.8 GPA (currently)
- Expected Graduation in 2020

Awards & Acknowledgements

2014 Voted "Friendliest Employee" in region (out of 350+ employees).

Cover letter

Angela Tackett
Tier 2 Technical Support Specialist

Personal Info

Address
350 5th Ave.
New York, NY 10118

Phone
555-555-4321

E-mail
angela.tackett@gmail.com

LinkedIn
linkedin.com/in/angela-tackett

January 1, 2017

Jason SAVEDIA
Hiring Manager
Argo Drones, Inc.
285 Fulton Street
44th Floor
New York City, NY 10007

Dear Mr. SAVEDIA,

As a lifelong fan of Argo Drone's technological progress and accomplishments, I was excited to see your project manager opening. With my experience cutting costs 55% for VMware while dropping lead times 35% and boosting quality, I think I can help with Cisco's current challenges as I continue to expand my skill set.

I welcome the opportunity to discuss more with you about how my past achievements at Carson Logistics, Inc. can translate into similar successes at Argo Drones. Thank you very much for your time and consideration of my application. I look forward to hearing back from you soon!

Sincerely,
Angela Tackett

zety

See more [cover letter templates](#) and start writing.

Pro Tip: Do you need a masters degree in data science to get a job? No. In fact, a bachelors in math, business, or even political science looks good on a resume for data science.

Want a full template for your data scientist cover letter? See our beast of a guide:

[Writing a Cover Letter Step-by-Step](#)

9

How to Add Contact Info to Your Resume

If you're like most, you'll make one huge mistake with your data science resume.

It's in your contact info.

Of course you'll add:

- Full Name
- Updated Phone Number
- Professional Email Address

Like so:

You probably even know a "professional email address" isn't something like *happysillydragonballzplayer23498234@yahoo.com*.

For some reason, nobody wants to hire that guy for data science jobs.

But did you know a LinkedIn profile and data science portfolio are even more important than a resume?

About 87% of recruiters hire from LinkedIn.

A personal portfolio site helps too. It can share so much more than a data science resume.

Where to put GitHub on resume?

You can add your GitHub profile to your contact info, too. Put it near your LinkedIn address.

That works especially well if you've got an impressive body of GitHub work and projects.

Pro Tip: Not sure how to write a great data scientist profile on LinkedIn? We've got you covered. Check out our [guide on LinkedIn profile excellence](#).

Need a guide to set up that job-winning professional website for a data analyst? See this guide: [How to Make a Professional Website: Complete Guide + 9 Tips](#)

This guide shows how to write a solid data scientist resume, complete with certifications. Remember these key tips:

- Read the job description carefully. Each bullet point in your data science resume should point back to the job offer.
- Don't just list your skills. Taylor them to fit the job with measurable accomplishments.
- Add "other" sections to make your resume stand out like a machine learning resume by Daphne Koller or Adam Coates.

Do you have questions on how to write a great resume for a data scientist? Not sure how to describe your skills or achievements? Give us a shout in the comments! We love to help!

Follow me on [LinkedIn](#) for More:
Steve Nouri
<https://www.linkedin.com/in/stevenouri/>

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Tom Gerencer

Tom Gerencer is a career expert who has published over 200 in-depth articles on Zety. Since 2016, he has been sharing advice on all things recruitment from writing winning resumes and cover letters to getting a promotion.