

# Thinkful: Career planning document

This document will collect and organize your work in the career planning lesson of the prep course. Complete each section after reviewing the relevant assignment in the course material.

## Section 1: Explore the landscape

I definitely think my top skills are managing people and projects, but I also think of myself as Jack of All Trades, Hacker, or Artist. This is exactly what the <http://survey.datacommunitydc.org/results> told me. As a former officer in the US Navy, I was put in charge of many important projects and more importantly, people, as I progressed thru the ranks. As a relative newbie to the world of data scientist, I embrace fully the mantra that everyday is chance to learn something new.

I do have a very technical science background in genetic research and medicine. I look forward to merging my knowledge in the field of medicine and my past research experience in genetic manipulation with the field of data science and achieving results that will help humanity move forward with eradicating modern diseases and cancer.

## Section 2: Job postings

*Find five job postings you're very interested in and post them here. Focus on one city. Don't just post the links; job postings have a way of disappearing after a while.*

### Job 1

- Company name: GB Healthwatch
- Title: Bioinformatics Scientist
- Why did you choose this job? It deals with genetics-based precision medicine and precision nutrition applications
- Link:  
<https://www.indeed.com/jobs?q=biinformatics%20GB%20Healthwatch%20Data%20Scientist&l=San%20Diego%2C%20CA&vjk=4fe3aecb0e0ea862>

### Job 2

- Company name: Viome
- Title: Translational Data Scientist
- Why did you choose this job? It assists with analysis of cutting-edge multi-omics data to enhance personalization of Viome's recommendations for customers.

- Link:  
<https://www.indeed.com/rc/clk?jk=d591b810392ac896&fccid=72af4da8a67eaaf4&vjs=3>

### Job 3

- Company name: Prometheus Laboratories Inc.
- Title: Bioinformatics Scientist
- Why did you choose this job? This job plays an important role in building up data analysis capacities for microbiome projects, identifying and prioritizing biomarker candidates for various diseases, and assembling biological insights and crucial knowledge for decision making.
- Link:  
[https://www.indeed.com/pagead/clk?mo=r&ad=-6NYIbfkN0AjTLIXIXi\\_8oZ0VtzlDs b7fVoWtvNqFVzQ-XUI9h-iRe5-n1aQ6SoeedFkD8qL73x4BKPuZZkx4caA4xRwnj eTIfSMkaVBmTFX-GAiJfMzYAGhwuudNrItBst4WZPQP3-RDNLXwX9VOJ6b0Sq 5LpEYZMKCJ9zchUOKHZ0AeIXnLAcnrgK5hxFR2TdJFbs0EkxvuGuxrDREt\\_gnl cP6bUP7dfRKS WPe3aALE8AjbaQiiPhoP8SfoECMkjsJtE5P2r-527E7nIDaca3bm b0TgmsC8mzPDNI-GPfli6TPLMHBh8BY6xLr27u5ZUO9umg1oZGyZYywVB9-S dBaUyT\\_w311GEeWVcB7Q9Pyf9S8s0tShDC-pm8F\\_ZG8RjasHwBckQLB03wi0 WDzpTIEapQGqWIArsndTHoU0Ur9BiW6rq3p2Y3ytHxtpaF8PWNVLctYTIWNFW VgbDowPJVI27n9IDD\\_epej163XEREKmfqJRiEOnXaqHEb-CyGctRz0NsNQ32 yKYMKLTcGQoZLWIE76Mz8iodJWHTv99G\\_Js833Mi2FXDLhxhg35z&vjs=3&p=6 &sk=&fvj=0&tk=1cj285m1hbqea8js&jsa=6737&sal=0](https://www.indeed.com/pagead/clk?mo=r&ad=-6NYIbfkN0AjTLIXIXi_8oZ0VtzlDs b7fVoWtvNqFVzQ-XUI9h-iRe5-n1aQ6SoeedFkD8qL73x4BKPuZZkx4caA4xRwnj eTIfSMkaVBmTFX-GAiJfMzYAGhwuudNrItBst4WZPQP3-RDNLXwX9VOJ6b0Sq 5LpEYZMKCJ9zchUOKHZ0AeIXnLAcnrgK5hxFR2TdJFbs0EkxvuGuxrDREt_gnl cP6bUP7dfRKS WPe3aALE8AjbaQiiPhoP8SfoECMkjsJtE5P2r-527E7nIDaca3bm b0TgmsC8mzPDNI-GPfli6TPLMHBh8BY6xLr27u5ZUO9umg1oZGyZYywVB9-S dBaUyT_w311GEeWVcB7Q9Pyf9S8s0tShDC-pm8F_ZG8RjasHwBckQLB03wi0 WDzpTIEapQGqWIArsndTHoU0Ur9BiW6rq3p2Y3ytHxtpaF8PWNVLctYTIWNFW VgbDowPJVI27n9IDD_epej163XEREKmfqJRiEOnXaqHEb-CyGctRz0NsNQ32 yKYMKLTcGQoZLWIE76Mz8iodJWHTv99G_Js833Mi2FXDLhxhg35z&vjs=3&p=6 &sk=&fvj=0&tk=1cj285m1hbqea8js&jsa=6737&sal=0)

### Job 4

- Company name: Leidos
- Title: Research Scientist / Data Analyst
- Why did you choose this job? This position will support the data science team in developing a research infrastructure that will facilitate and support military research efforts focused on behavioral health and epidemiology research topics.
- Link:  
[https://www.indeed.com/pagead/clk?mo=r&ad=-6NYIbfkN0CZUO70VSdYKA8PR 3jfrSh5ljhqJhfDt0PzQCMubt8cRqAIH-JnDNgekFC7J2VEVO2jozMjaKbWkwfP8X bAR8YoOf1DKa6ruxhbR8ckbitvudhokiZofotvdrFPjMjlziVZfD9q8qr\\_-6pxavulVlw VI0fXyVUeVfWJYU0O8BUPOoJdQJpaZsybDWefj61x4JA4LNar1KvZQ2BfNr-4Y CcB2Z63ltqRGTYkc480Xk0gqbaHzA5kl55ffwgmUc1MCe\\_OW0js26QqqkKpwQ AvCrv-knXQMqOGBWDnJE0dn8Ws3rgZsoem62U41JgHPuaQMPD5XqgeOxes u54D6-HQ4YMILiyUYAphqjqjHBaudmHOQ\\_2xCtP956x-CDMcdxQjse1kMr7DM Ffta4LvNmiWZw2vBcpyhS0ZY=&vjs=3&p=6&sk=&fvj=0&tk=1cj297dbjbqea9k1&j sa=1955&sal=0](https://www.indeed.com/pagead/clk?mo=r&ad=-6NYIbfkN0CZUO70VSdYKA8PR 3jfrSh5ljhqJhfDt0PzQCMubt8cRqAIH-JnDNgekFC7J2VEVO2jozMjaKbWkwfP8X bAR8YoOf1DKa6ruxhbR8ckbitvudhokiZofotvdrFPjMjlziVZfD9q8qr_-6pxavulVlw VI0fXyVUeVfWJYU0O8BUPOoJdQJpaZsybDWefj61x4JA4LNar1KvZQ2BfNr-4Y CcB2Z63ltqRGTYkc480Xk0gqbaHzA5kl55ffwgmUc1MCe_OW0js26QqqkKpwQ AvCrv-knXQMqOGBWDnJE0dn8Ws3rgZsoem62U41JgHPuaQMPD5XqgeOxes u54D6-HQ4YMILiyUYAphqjqjHBaudmHOQ_2xCtP956x-CDMcdxQjse1kMr7DM Ffta4LvNmiWZw2vBcpyhS0ZY=&vjs=3&p=6&sk=&fvj=0&tk=1cj297dbjbqea9k1&j sa=1955&sal=0)

### Job 5

- Company name: Illumina
- Title: Bioinformatics Scientist 1 – Algorithm and Data Science
- Why did you choose this job? They are focused on tackling some of the most challenging problems in cancer genomics spanning diverse research and clinical applications.
- Link:  
<https://www.indeed.com/rc/clk?jk=cdc3294b98b620a6&fccid=8524239b088a6649&vjs=3>

## Section 3: Your company hitlist

*Find five dream companies (whether or not they're hiring data scientists right now) and add them to this hit list. Focus on the same city you did for job postings. Include a sentence about why you added each company.*

### Company 1

- Company name: Illumina
- Why did you choose this company? They are a front-line research company involved in cancer research.

### Company 2

- Company name: Viome
- Why did you choose this company? They are using genetic analysis of gut microbes to optimize human health.

### Company 3

- Company name: Salk Institute
- Why did you choose this company? World-wide leader in eradicating disease states.

### Company 4

- Company name: UCSD
- Why did you choose this company? Academic institution with many projects in Genetics in the pipeline.

### Company 5

- Company name: Pfizer

- Why did you choose this company? Pharmaceutical company with strong background in research and development dealing with drugs to help the human condition.

## Section 4: Find your people

*Add the data science related events in your area and find LinkedIn profiles for local data scientists working at the kind of job you want.*

Local data science events:

- Getting started in Data Science Thinkful
- Workshop 3: Augmenting Your Data Science Process With SQL
- 

Local data scientist from a company on your hit list:

- Kristina M. Kruglyak

First or second degree connection in the industry:

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## Section 5: Write your own story

*Make the work you've done so far concrete.*

Describe your ideal job to an industry professional

My ideal job would be one that combines both basic benchwork in genetic sequencing with data science to analyze the data and to predict viable experimental pathways to explore for achievement of success in predicting disease states and to find malleable points of insertion for cure sequences.

Describe the same job to a non-technical family member

My ideal job would be using the power of modern computers, programming, and statistics to examine genetic sequences for areas which would allow the insertion of correct sequences to cure disease.

Draft your aspirational professional summary

Experienced clinical and laboratory researcher, that has the ability to combine his knowledge of gene sequencing and manipulation with the world of data analysis, programming, and statistics to effectively find solutions for today's diseases, to better humanity.