

As you complete the Career Preparation Modules and related readings, activities and assignments you have created a Job Search Strategy that is unique to you. Use the following template to document your job search plan at this point in time. As you begin to implement your plan your goals, motivations, job interests, etc. may change. Therefore continue to use this template as way to keep yourself accountable and focused to find a job, employer and career that best fits your needs and is unique to you.

Your Name: Rakshak Kunchum

Date: 05/18/2023

List your career goals. – Module 2 – Using the SMART goal method develop your list of 3-4 Career goals.

Insert your 3-4 SMART career goals here.

**Goal 1: I want to work as a Data Scientist in a tech company.**

What specifically am I trying to achieve?

I want to work as a Data Scientist in a Tech company that is working on Data Science products which bring about a change in society.

How will I measure success?

Cracking interviews for Spring 24 Co-op.

What steps do I need to take to attain the goal?

1. Complete all learning ML and DL algorithms theory with hands-on experience.
2. Work on 2-3 interesting Data science projects.

Is this relevant for my long-term objectives? Is this the right time?

Yes, it is the right time. I have two years of experience as a Data Engineer, and I want to extend my career into Data Science.

In the long-term, I want to work as a Data Scientist in a company.

What is the time frame for the goal?

Spring 2024. I will start applying for jobs from June-July for co-op opportunities in Data Science.

**Goal 2: Becoming Proficient in Data Science Tools and Technologies.**

What specifically am I trying to achieve?

I want to learn, explore, and practice the latest Data Science tools and technologies used in industry. Achieving this goal can prove to be helpful in securing an internship or co-op.

How will I measure success?

Success will be measured by my ability to effectively apply data science techniques and technologies in practical projects.

What steps do I need to take to attain the goal?

To attain the goal, I need to acquire knowledge and skills through education, hands-on experience, and continuous learning.

Is this relevant for my long-term objectives? Is this the right time?

My long-term aspiration is to leverage my expertise as a Data Scientist within a reputable organization. Hence learning these skills is essential for my career growth.

What is the time frame for the goal?

Before Spring 2024.

### **Goal 3: Improving the soft skills required for working in a professional environment.**

What specifically am I trying to achieve?

My goal is to enhance the essential soft skills necessary for thriving in a professional setting. Specifically, I am striving to improve communication, teamwork, leadership, and adaptability skills.

How will I measure success?

I want to take feedback from colleagues, supervisors, and personal assessment of my interactions and collaborations. I will utilize this feedback to calibrate my soft skills.

What steps do I need to take to attain the goal?

To achieve this goal, I should actively seek opportunities to engage in team projects, participate in workshops or training programs focused on soft skills development, and actively practice effective communication in various professional scenarios.

Is this relevant for my long-term objectives? Is this the right time?

Enhancing soft skills is highly relevant for long-term career growth and success in any professional field. These skills augment my technical knowledge and will help me grow as a professional.

What is the time frame for the goal?

Before Spring 2024.

List your experience, skills and strengths. Reflect back on the readings and activities you completed in Module 4 – Build Your Brand. Create a list of your top 5 skills and your top 5 strengths. Include a brief example for at least 3 of your top skills, i.e., how you demonstrated the skill, and a brief example for at least 3 of your top 3 strengths, i.e., how you demonstrated the strength.

Insert your top 3 skills with your examples and your top 3 strengths with examples here.

#### **Top 3 Skills:**

1. **Data Engineering:** Automated multiple data engineering projects, applying project-specific automation techniques to streamline processes, enhance efficiency and reduce manual intervention, resulting in improved team productivity and project outcomes.
2. **Web Scraping:** Built diverse crawler plugins and designed efficient solutions for scheduling data crawls, enabling effective data scraping from multiple e-commerce websites and ensuring optimal data extraction and flow.
3. **Machine Learning:** Implemented projects in python and Machine Learning. The following projects were implemented, US Air Pollution Time Series Analysis, Trending News Prediction using NLTK and Web Scraping, Deep Learning Approaches to Detect Pneumonia.

#### **Top 3 Strengths:**

1. **Technical prowess and problem-solving ability:** Pioneered the implementation of the Dask framework to optimize batch processing of image data in the company's clustering algorithm, achieving a remarkable 50% reduction in processing times and demonstrating innovative problem-solving skills.
2. **Teamwork and Empathy:** In my roles as a data engineer and as a member of my university project team, I consistently demonstrated strong teamwork and empathy skills, collaborating effectively with colleagues and team members to achieve common goals.
3. **Leadership:** Spearheaded the setup of end-to-end data pipelines using Apache Airflow, enabling seamless data workflows.

Create your list of companies you'd like to work for from the list you created in Module 3 – Researching the Job Market. Modify the list to include 6-8 companies that interest you the most. This is an opportunity to not only list the companies but also include comments why you would like to work there.

Insert your list of the top 6-8 companies and why you would like to work for them here.

- Google: I would like to work for Google because of their innovative products, global impact, and their commitment to pushing the boundaries of technology.
- Microsoft: I am interested in working for Microsoft due to their diverse range of products and services, and dedication to empowering individuals and organizations through technology.
- Amazon: Working for Amazon appeals to me because of their customer-centric approach and the opportunity to contribute to their cutting-edge e-commerce and cloud computing platforms.
- Dell: I would like to work for Dell because of their expertise in computer technology and solutions, their focus on sustainability, and their commitment to driving innovation in the industry.
- Intel: I am interested in working for Intel because of their reputation as a leading semiconductor company, and their continuous advancements in technology.
- Nvidia: Working for Nvidia is appealing to me because of their groundbreaking advancements in graphics processing units (GPUs) and artificial intelligence.
- Spotify: I would like to work for Spotify because of their commitment to providing a personalized music experience, and the chance to contribute to their innovative music technology and data-driven insights.

Create a “to-do” list prior to starting your job search. An effective “to do” list is not just a list of things that you plan to do. Instead it is a list of things you plan to do that includes prioritization and due dates.

Some examples of action items include: researching your top 5 companies of interest to learn more about what they do and their company culture. Or a list of the top 5 job descriptions you plan to research. Or creating a list of your professional references and contacting these references to request permission to use their name and contact information should an employer request your list.

Create a “to do” list of the top 5 items that you plan to accomplish as you start your job search. Set realistic deadlines when each item should be finished so that you are accountable and more likely to complete all tasks. After writing down your "to-do list" items, add the items into a calendar or schedule.

Insert your “to-do” list below. Include realistic dates when you plan to complete each task. Note that this is your “to-do” list at this point in time. As you complete the tasks you will continue to add more to your list.

- Professional Resume – May 2023
- Professional Portfolio – May 2023
- Learning and mastering the Data Science tools and techniques – Sept 2023
- Making new professional connections and attending at least 5-10 networking events – June-July 2023
- Applying to internship / Co-op opportunities – Sept 2023

What is your professional brand? Refer to Module 4 – Build Your Brand – the module in which you created your Professional Introduction (Elevator Pitch).

Include your written Professional Introduction (Elevator Pitch) here.

Hello, my name is Rakshak Kunchum. I'm Graduate Student at Northeastern University majoring in Data Science concentrating on Machine Learning, Deep Learning and Computer Vision. As a former data engineer, I have worked to automate multiple data engineering projects to streamline processes and enhance efficiency. I aspire to combine the data science skills from the university with my previous professional experience to tackle real-world data science problems. I am actively seeking an internship or co-op opportunity starting the upcoming Spring 2024 term, where I can apply my skills and contribute to a dynamic organization.

Outside of my academic and professional pursuits, I enjoy staying active and exploring the outdoors. Whether it's playing badminton or embarking on a scenic trail hike, I find solace in the balance between mental and physical well-being.

Thank you for your time.

Participate in networking opportunities - Module 5 – Building Your Network. Review the sites for On campus and Off campus Networking events. (Websites included in the module) Check out different Networking events and identify the ones you are interested to attend. Register for the event!

Insert a list of 3-4 Networking events you plan to attend here.

- Open Data Science Conference
- #AnalyticsClub Virtual Job Fair / Career Expo Event
- Databricks Data + AI Summit
- Global Big Data Conference