

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.

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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.

#### 1] Getting Summer Internship

**Specific:** My aim is to secure a data scientist role in a major tech company as a summer intern in the next few months.

**Measurable:** To increase my chances, I intend to attend a minimum of 10 interviews

**Attainable:** I consider this to be achievable if I start applying in January and spend time improving my machine learning knowledge and honing my soft skills.

**Relevant:** As I am about to graduate, it is necessary for me to have a job, and doing an internship will prove beneficial in providing me with relevant experience and an understanding of how a corporate office works

**Time Bound:** My goal is to have secured the internship by May 2023 and to attend an interview at least once a week, attend networking events, and apply to more than 5 jobs every day.

#### 2] Practicing DSA

**Specific:** My objective is to practice data structures and algorithms in order to better my chances at clearing online assessments for interviews.

**Measurable:** To measure my progress, I will aim to become faster in solving easy to medium level problems from websites such as Leetcode and Hackerank.

**Attainable:** I will allocate 1 to 2 hours of my day to data structures and algorithms in the coming months

**Relevant:** As my ultimate goal is to secure a job in a top tech firm, it is important that I have an in-depth understanding of DSA as it will help me hone my coding abilities which are essential for any coding student.

**Time-bound:** By the end of two months, I should be able to solve both easy and hard questions and will start challenging myself with more difficult questions starting in March

#### 3] Doing personal projects relevant to Data Science to learn new skills

**Specific:** My goal is to have 4 to 5 personal projects in the data science domain

**Measurable:** Having 4 to 5 personal projects in data science domain

**Attainable:** by working on minimum 2 projects every month I can achieve this goal

**Relevant:** This will allow me to build the necessary skills to become a competent data scientist and to prepare for potential internship and full-time job interviews.

**Time-bound:** I want to complete this task in next 2 months so that I would be ready my summer internship/coop interviews.

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.

Three Skills -

**Machine Learning** – I have worked on a variety of projects involving regression and classification. For my final year project, I created a model to detect spam messages using machine learning. My model was accurate in distinguishing between spam and non-spam emails. To do this, I used a logistic regression model and various natural language processing packages to process the text data. In the end, my model achieved an accuracy of 92%.

**SQL** – I have a strong knowledge of SQL, having completed an internship in which my main responsibility was to perform data analysis using this language. I have also worked on various projects involving SQL, such as an online bookstore which required us to implement different functions and procedures in MySQL workbench for some functionalities on the website.

**Python** – During my time as a Data Science intern at Faurecia, I was able to hone my Python programming skills as most of my tasks were conducted using this language. I have since developed a strong proficiency in Python, utilizing it for numerous machine learning and deep learning projects.

Three Strengths –

**Management skills** – During my undergraduate studies, I was a member of the Data Science Club. As part of a team of four, I was responsible for organizing a workshop. My duties included managing my team, as well as participating in the workshop itself, where I taught basics of data cleaning and visualization in Python to students with non-tech background.

**Quick Learner** – During my internship, I was presented with the challenge of creating a deep learning model to classify images. At that time, despite having limited knowledge of the subject, I was determined to learn what was necessary over the weekend and began work on the project the following day.

**Persistent** – I have consistently demonstrated my resilience and persistence in a variety of contexts, such as when working on personal projects or during my internship. Even when my originally chosen approach did not yield the desired results, I continued to persevere and ultimately achieved my desired outcome.

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

Companies In Finance – I would love to join below companies as I would be directly working on how to solve a business problems and problems related to finance.

1. Fidelity Investments
2. JP Morgan
3. Goldman Sachs

Companies in Technology - I would love to join below companies as I would be working on technology that can make things simple and easy to end consumer like in unlocking of phone in apple is possible through face detection.

1. Apple
2. Nvidia
3. CD Projectred

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.

1. Working on projects related to data science domain - already started - 4<sup>th</sup> week on January 2023
2. Get some certifications relevant to my domain - 1<sup>st</sup> week of January 2023 – 2<sup>nd</sup> week of March 2023
3. Working on my Data Structure and Algorithm(DSA) Skills Start and End Date - 1<sup>st</sup> week of January 2023 – 4<sup>th</sup> week of March 2023
4. Working on my Soft Skills - 1<sup>st</sup> week of February 2023 – 3<sup>rd</sup> week of March 2023
5. Connecting with Alumni and people working in data science to know more about current market trend in data science domain - 1<sup>st</sup> week of January 2023 – 1<sup>st</sup> week of January 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.

My name is Nikhil Narayanarao Kudupudi, but you can call me Nikhil. I am currently pursuing master's in data science at Northeastern University in Boston, which is known for its courses at Khoury College of Computer Science. I have read a lot about your company and the research they are currently doing in the fields of Data Science and AI. I would be delighted to connect whenever you have time to learn more about the research underway. Thank you so much for connecting, I will email you to be in touch and hope to hear from you soon.

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

- Networking events organized by northeastern university to connect with alumni and recruiters of big companies
- “Recruiter on call with jobs” online event of for jobs and networking on 19<sup>th</sup> January 2023 hosted on meetup app
- Virtual Meetup: HPCC Systems Internship Program, hosted by HPCC systems on 20<sup>th</sup> January 2023.