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: Bharath Gajula **Date: 23 December 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: Securing Fall Internship Opportunities Through Strategic Applications"

- Specific Goal: Apply to at least 10 relevant data science or full-stack developer internship positions for the fall semester.
- Measurable: Submit applications to positions found on various job portals and company career pages.
- Achievable: Leverage networking opportunities, including LinkedIn, to connect with professionals and discover potential opportunities.
- Relevant: Tailor each application to the specific requirements of the position and the company.
- Time-bound: Submit all applications within the next four weeks.

Goal 2: Elevating Technical Proficiency: Completing Specialized Courses for Fall Internships"

- Specific Goal: Complete two online courses or certifications in a specialized area of data science or full-stack development.
- Measurable: Successfully finish the chosen courses, acquiring new skills and knowledge.
- Achievable: Dedicate at least 10 hours per week to self-paced learning.
- Relevant: Choose courses that align with the technical requirements specified in internship postings.
- Time-bound: Finish both courses or certifications within the next eight weeks.

Goal 3: Maximizing Professional Presence: Optimizing LinkedIn for Fall Internship Opportunities"

- Specific Goal: Optimize your LinkedIn profile to achieve a 20% increase in profile views within the next month.
- Measurable: Regularly share industry-related articles, insights, or personal projects on LinkedIn.
- Achievable: Engage with the professional community by joining relevant groups and participating in discussions.
- Relevant: Showcase your projects and achievements on your LinkedIn profile.
- Time-bound: Achieve the 20% increase in profile views within the next four weeks.

Goal. 4: Crafting a Standout Impression: Enhancing Resume for Fall Internship Success"

- Specific Goal: Rewrite and refine your resume to highlight quantifiable achievements and outcomes.
- Measurable: Seek feedback from mentors, professors, or career counselors to enhance the effectiveness of the resume.
- Achievable: Update your resume to clearly communicate your skills, experiences, and contributions.
- Relevant: Ensure your resume aligns with the specific requirements of data science and full-stack developer roles.
- Time-bound: Complete the resume revision process within the next two weeks.

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.

1. **Full Stack Developer**, Oracle, India (August 2022 - August 2023)
- Collaborated with bank clients to enhance digital front-end experiences using OJET, resulting in a 15% increase in user engagement and a 10% improvement in overall customer satisfaction.
- Implemented back-end java and oracle sql enhancements for banking systems, optimizing transaction processing speed by 20%, thereby improving the efficiency of internal operations.
- Provided on-site support to bank clients, offering immediate assistance and resolving errors efficiently. Maintained Jira ticket system to track and prioritize issue resolution, resulting in a 20% reduction in error resolution time.
- Developed Java classes from scratch, including ORMs, DTOs, adapters, and assemblers. Utilized Oracle SQL to design and execute queries, achieving a 25% improvement in CRUD operations efficiency and data storage.

2. **AI Intern, Upskillz**- IIT Kharagpur, India May 2022 - July 2022
- Specialized in YOLO and LSTM models, boosting pixel classification accuracy by 10% through advanced Python OpenCV techniques, while reducing false positives by 15%.
- Led a successful social media campaign, increasing data collection participants by 30% and improving dataset quality for enhanced model training.

3. **Research Assistant**, BMSCE, India January 2022 - May 2022
- Enhanced dataset accuracy by 10% through advanced data processing techniques and feature extraction algorithms,specifically designed for dark background and low-quality field images such as K-means clustering and sobel-edge.
- Assisted in data collection and cleaning, ensuring high-quality datasets for data-driven research and analysis.
- Implemented CNN and Transfer Learning models, leading to a 15% increase in model performance and effective resolution of data-related challenges.
- Trained machine learning models, actively engaging in the experimentation process to optimize training times by 20%.
- Created pipelines for CNN and focused on parameter optimization to fine-tune model performance.
4. **Machine Learning Intern**, Nokia Networks, India January 2021 - August 2021
- Established scalable pipeline automated processes to develop, validate, and implement machine learning models such as Xgboost, logistic regression, and Decision trees, resulting in improved efficiency and classification accuracy.
- Applied preprocessing techniques to increase tenure prediction accuracy to 96% which lead to substantial cost savings. and differentiation in customer offerings by providing incentives to increase brand loyalty.

Skills:

1. Python Programming:

- Implemented Python scripts to automate data preprocessing tasks, reducing manual effort by 30% and ensuring data consistency across multiple projects.

2. Machine Learning:

- Developed a real-time ASL translation model using CNN, demonstrating proficiency in machine learning algorithms and their practical application in computer vision projects.

3. Data Visualization:

- Created interactive visualizations of model performance metrics using Matplotlib and Seaborn, facilitating clear communication of complex results to non-technical stakeholders.

4. SQL Database Management:

- Designed and optimized a database for the Taxi Database Management System, improving query performance by 25% and enhancing overall system responsiveness.

5. Technical Documentation:

- Authored comprehensive documentation for the Real-Time ASL Translation project, providing clear guidelines for future development and ensuring knowledge transfer within the team.

Strengths:

1. Adaptability:

- Transitioned seamlessly from AI Intern to Full Stack Developer, quickly adapting to different roles and technologies within the Oracle environment.

2. Collaboration:

- Collaborated with cross-functional teams at Oracle to enhance digital front-end experiences, fostering open communication and achieving a 15% increase in user engagement.

3. Problem-Solving:

- Identified and resolved critical issues during the implementation of the Taxi Database Management System, ensuring smooth booking processes and positive user experiences.

4. Leadership:

- Took the lead in implementing preprocessing techniques for enhanced tenure prediction accuracy at Nokia Networks, contributing to a 96% accuracy rate and showcasing leadership in model development.

5. Effective Communication:

- Presented findings from the Real-Time ASL Translation project during team meetings, effectively communicating technical concepts to a diverse audience and facilitating collaboration.

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

1. Amazon:
- Why Amazon: Amazon, with its vast e-commerce platform, utilizes data science for customer behavior analysis, personalized recommendations, supply chain optimization, and logistics. The company's commitment to innovation and technology-driven decision-making creates a dynamic environment for data scientists.

2. Oracle:
- Data Science Relevance: Oracle is a leader in database technologies and cloud services. Data scientists at Oracle contribute to developing advanced analytics solutions, machine learning models, and optimizing database performance for a wide range of enterprise applications.

3. Google:
- Data Science Relevance: Google is at the forefront of data-driven technologies, utilizing data science for search algorithms, advertising, artificial intelligence, and cloud computing. Data scientists at Google work on projects that shape the future of technology, including natural language processing and computer vision.

4. IBM:
- Data Science Relevance: IBM is deeply involved in data science and AI, offering solutions in areas such as healthcare analytics, financial services, and cognitive computing. Data scientists at IBM engage in projects that leverage machine learning, predictive modeling, and data analytics to solve complex business challenges.

5. Microsoft:
- Data Science Relevance: Microsoft is a leader in cloud computing and provides data science solutions through Azure. Data scientists at Microsoft contribute to developing AI models, machine learning solutions, and analytics tools that empower businesses across various industries.

6. Boston Consulting Group (BCG):
- Data Science Relevance: BCG's Data Science and Advanced Analytics practice focuses on using data to drive strategic business decisions. Data scientists at BCG work on projects that involve predictive modeling, optimization, and data-driven insights to solve complex challenges for clients across different industries.

7. Salesforce:
- Data Science Relevance: Salesforce, as a CRM platform, relies on data science for customer analytics, personalized marketing, and predictive lead scoring. Data scientists at Salesforce contribute to enhancing customer experiences through the application of machine learning and advanced analytics.

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 your complete the tasks you will continue to add more to your list.

To-Do List:

1. Research Top 5 Companies:

- Due Date: January 10, 2023
- Action Items:
- Explore the websites and social media profiles of Amazon, Oracle, Google, IBM, and Microsoft to understand their company culture, values, and recent projects.
- Look for employee reviews on platforms like Glassdoor to gain insights into the work environment.

2. Create Target Job Descriptions:

- Due Date: January 15, 2023
- Action Items:
- Identify and review five job descriptions related to data science roles at companies of interest.
- Highlight key skills and qualifications required for these positions.

3. Polish Resume and LinkedIn Profile:

- Due Date: January 20, 2023
- Action Items:
- Update resume with recent experiences, emphasizing data science skills and achievements.
- Optimize LinkedIn profile, ensuring alignment with the target job descriptions.

4. Identify and Contact Professional References:

- Due Date: January 25, 2023
- Action Items:
- Compile a list of professional references, including former colleagues, supervisors, and mentors.
- Reach out to references, seeking their permission to use their names and contact information for job applications.

5. Set Up Networking Meetings:

- Due Date: January 30, 2023
- Action Items:
- Identify at least three professionals in the data science field for informational interviews.
- Craft personalized emails requesting virtual or in-person meetings to learn more about their career paths and industry insights.

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, I'm Bharath Gajula, a Data Science Master's student at Northeastern University with a rich background in Full Stack Development from Oracle. I've collaborated with bank clients to enhance digital experiences and optimize transaction processing.

My expertise spans object detection using YOLO, and I have hands-on experience in developing and implementing various deep learning algorithms. As a Machine Learning Intern at Nokia Networks, I established scalable pipelines, contributing to improved efficiency and classification accuracy.

With a focus on analytics and a deep dive into data science, I bring a versatile technical toolkit, including proficiency in Python, Java, TensorFlow, PyTorch, and OpenCV. My dedication to optimizing processes, coupled with a collaborative mindset, has driven success in my past endeavors.

Currently seeking opportunities in Data Science, I am eager to apply my skills in supervised machine learning, data management, and processing. I would love to connect and explore potential collaborations or job opportunities, bringing my analytical skills and passion for innovation to a dynamic team.

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

Boston Job Fair - Connect and Interview with Top Employers
Date: Friday, December 29
Location: Boston (Virtual Job Fair)
Reason for Interest:
- Connect and interview with top employers in a convenient and efficient virtual setting.

11th Anniversary Boston Networking Event w/ Mass Professional Networking
Date: Tuesday, January 23, 2024
Location: Hue Boston, 90 Exeter St., Boston, MA 02116
Reason for Interest:
- Celebrate the Eleventh Anniversary Boston Business Networking Event.
- Network with professionals, build connections, and explore business opportunities.

International Conference on Data Science (ICDS):
Date: March 10-12, 2023
Location: Virtual Event (ICDS Website)
Reason for Interest:
- Attend workshops, panel discussions, and network with experts in the data science community.

Tech and Startups Meetup:
Date: March 18, 2023
Location: Boston Tech Hub
Reason for Interest:
- Explore opportunities in startups, learn about emerging technologies, and connect with entrepreneurs and professionals in the local tech scene.