

Career goals

1. Complete a total of 200 problems on LeetCode: start with 50 easy questions, then 100 medium questions, and finally 50 hard questions. Aim to solve similar problems within 20 minutes each, to prepare for future technical interviews.
2. Learn about machine learning before the start of the semester and complete a small project: find an online course, finish it, and then create a related small project to acquire relevant knowledge in advance for future work.
3. Finish a Python-related project on GitHub before the end of next semester: come up with a good idea, learn the necessary knowledge, and then implement the project, which can later be added to the resume as the latest project.

Skills and Examples

1. JavaScript Programming

Example: I developed a film review website that allows users to register and authenticate their identities. Users can add movies and post comments on this platform. Using JavaScript and related frameworks, I ensured the site was interactive and user-friendly, providing a smooth user experience.

2. Android App Development

Example: I designed and developed an Android app that includes several classic mini-games. The app also features a game I independently designed—where a large ball consumes smaller balls, similar to Snake. This project not only honed my Android development skills but also enhanced my creativity and understanding of mobile platforms.

3. Python Programming

Example: To optimize the internal reporting process at my company, I developed an automated reporting tool using Python. This tool integrates multiple data sources to automatically compile and process data, ultimately generating daily and weekly reports. This project not only improved the accuracy and speed of report generation but also reduced repetitive tasks for team members, allowing them to focus on higher-value tasks.

Strengths and Examples

1. Problem-Solving Ability

Example: While developing a web application, I resolved a complex bug that affected the user login functionality. By thoroughly inspecting the data flow from the frontend to the backend and correcting the authentication logic, I successfully enhanced the site's security and stability.

2. Quick Learning

Example: When the company needed to quickly deploy a new technology stack, I mastered the essential skills through self-study within two weeks and was able to start contributing to the project, helping to reduce the project's learning curve.

3. Leadership

Example: During a team project, as the group leader, I successfully coordinated the work and communication between team members. Through effective task distribution and progress management, our group achieved the highest project score in the course.

Companies

1. Google

Reason: Google leads in innovation and technology across various sectors. Working at Google would provide me with unparalleled exposure to cutting-edge projects in artificial intelligence and cloud computing, aligning with my career goals in tech innovation.

2. Amazon

Reason: Amazon's commitment to technological advancement and its impact on e-commerce and cloud computing (AWS) is inspiring. I am eager to contribute to and learn from their continuously evolving and challenging project landscape.

3. Meta

Reason: Meta's work in virtual reality and social media platforms presents unique challenges and learning opportunities in scaling global services. I am particularly interested in contributing to their initiatives in enhancing user engagement through innovative technologies.

4. ByteDance

Reason: Known for its dynamic work in digital content and AI, ByteDance offers a fast-paced environment with opportunities to work on algorithms that reach millions globally. This aligns with my interest in data-driven content delivery.

5. Uber

Reason: Uber's revolutionary approach to transportation and their expansion into delivery services and freight is transformative. I am excited about the possibility of working on logistical challenges and real-time systems.

6. Netflix

Reason: Netflix is a leader in content streaming technology and personalization algorithms. Working at Netflix would allow me to delve into the intersection of technology and entertainment, focusing on delivering tailored content experiences.

To Do

Task1: Deep dive into the cultures, products, and current tech projects of Google, Amazon, Meta, ByteDance, and Uber.

Deadline: July 25, 2024.

Priority: Low

Details: Gather information from company websites, recent news articles, and industry reports to understand their market positions and work environments.

Task2: Find and analyze five job postings for positions at the above companies that match my skillset and career goals.

Deadline: July 30, 2024.

Priority: Low

Details: Focus on required skills, responsibilities, and preferred qualifications to tailor my resume and cover letter accordingly.

Task3: Revise my resume and LinkedIn profile to reflect recent skills, accomplishments, and align with the job roles I am targeting.

Deadline: August 5, 2024.

Priority: Medium

Details: Incorporate keywords from job descriptions and ensure the layout and details are optimized for applicant tracking systems and professional appeal.

Task4: Submit at least 100 job applications to targeted roles within the companies on my list and other potential employers.

Deadline: September 1, 2024.

Priority: High

Details: Track all applications in a spreadsheet to monitor progress and follow-up needs.

Task5: Regularly practice answering common and technical interview questions to prepare for job interviews.

Deadline: Ongoing, with intensive practice sessions starting August 1, 2024.

Priority: High

Details: Utilize resources like mock interviews, online tutorials, and feedback from peers or mentors to improve my interviewing skills.

Professional Introduction

Hello! My name is Zhi Wang, but you can also call me Piers. I'm currently pursuing a Master's in Computer Science at Northeastern University. I'm very interest about computer technology and always keep up with the latest advancements, especially in AI. That's why I'm particularly excited about the opportunity to work with an innovative tech company like yours. I'm looking to secure an internship before I graduate, or possibly a full-time position at your company after graduation. I'll be sending you an email tonight and hope to keep in touch!

Networking events

1.TED AI San Francisco event will be taking place on October 22-23

2. Cloud Technology with Gen AI: Hands-On Workshop on Amazon EKS and Istio on July 15
3. AI Agents: Exploring the Next Frontier of AI revolution on July 10.