Dear Hiring Manager,

I am excited to apply for the blockchain engineer internship position at your company. With a strong background in information science and computer science, I have acquired expertise in blockchain development and implementation. I am confident that my skills and experience align well with the requirements of the internship.

In my academic projects, I have developed a secure blockchain implementation with Merkle trees and P2P networking, implementing proof of work and proof of authority mining, and utilizing the gossip protocol to facilitate blockchain synchronization between nodes. I have also gained experience with Python and Torch API re-implementation, tensor framework, and GPU programming for accelerated training processes. Additionally, I designed and developed an instant dictionary web application and API, showcasing my skills in front-end web UI design and API development.

As a software engineer at Astoria AI, I designed and built the minimum viable product for job matching and finding, created a web crawler that scraped over 300,000 job listings from 3 platforms, and implemented an ML system for pre-processing, similarity measurement, matching, model tuning, and scalability.

In my role as a research assistant at the University of Rochester Simon School of Business, I scraped 90,000+ merchandise attributes data from Walmart.com using Beautiful Soup and Selenium package in Python, and recategorized commodities using the GloVe package for NLP.

I have also gained valuable experience in branding, event planning, and shareholder responsibilities at A Plus Education, where I planned and executed 12 events for media exposure and boosted sales, explored new distribution channels, negotiated new contracts with student organizations and social media, and participated in cost budgeting and forecasting the financial performance of the company.

With proficiency in languages such as Java, Python, and R, as well as experience with tools such as AWS, Git, MySQL, Hadoop, Spark, and Tableau, I believe I am well-equipped to take on this internship and contribute to your team's success.

Thank you for considering my application. I am excited about the opportunity to work with your team and learn from industry experts.

Sincerely,
Tingkang Zhao