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Hiring Manager
Antimetal
Tribeca, NYC

Dear Hiring Manager,

I am Phani Teja U, currently pursuing a master's in computer science from UTA and am writing to express my enthusiastic interest in the Engineering Intern position at Antimetal.

My academic journey at The University of Texas at Arlington, where I am currently pursuing my Master of Science in Computer Science, has equipped me with a firm grasp of algorithms, software engineering, data analysis and modeling, and machine learning, reflected in my stellar 4.00 GPA.

Meanwhile, my prior experience as a Student Web Developer at Entrepreneurship Cell-GRIET(during my undergrad) and as an Android App Developer Intern at Cosups Pvt Ltd has honed my ability to architect, develop, and optimize digital solutions, as evidenced by the successful launch of a student web page and the creation of an Event Management Android application that streamlined event planning processes.

My passion for leveraging technology to solve complex problems aligns perfectly with Antimetal's innovative approach. For instance, when I faced challenges retaining core concepts while practicing on LeetCode, I developed **LeetReminder**, a software solution using a spaced repetition algorithm. This Flask application sends timely email notifications, prompting users to revisit previously solved problems, thereby enhancing concept retention and understanding. This project not only showcases my problem-solving skills but also my proficiency in Python, Flask, and API handling. Furthermore, recognizing various financial challenges students often face, I developed **Finflow**, an Android application that serves as a comprehensive financial management tool which hosts various features like stock watchlist, tracking income and expense, setting bill payment reminders and following financial news all in one app. I have also developed an end to end online exam portal named QuizMaster featuring administrative capabilities for creating quizzes and a student interface for logging in and participating in these quizzes.

I have also had extensive experience in applying machine learning and deep learning algorithms to solve real world problems. A few of my notable projects are "**Forecasting of Autism in children using ML and DL**", "**Liver Disease Acknowledger**" and "**Classification of underwater fish species using Deep Learning algorithms**". I also had the opportunity to write and publish these papers in notable conferences. These experiences allowed me to employ various data-preprocessing and feature engineering techniques on both textual and imaged based dataset and deploying them on servers.

I am looking forward to the possibility of contributing to the success of Antimetal as an Engineering Intern and welcome the opportunity to further discuss how my background, skills, and enthusiasm align with the goals of your team. Thank you for considering my application. I am eagerly anticipating the opportunity to speak with you and learn more about the exciting intern experience at Antimetal.

Regards,
S.M. Phani Teja Upadhyayula