

Dear Recruiter(s) / Hiring Team,

I am writing to express my interest in the ML & AI internship. As a recent graduate of the University of California, Davis with a BS in Statistics (Data Science track) and a current Master's of Engineering student in AI at Duke University, I possess a solid foundation and a keen ability to applying AI solutions to business needs

My experience spans a variety of successful projects, including (a few highlights):

1. Fine-tuning computer vision models: In my previous internship with a Columbian startup ICRA, I optimized a computer vision model and applied image processing algorithms to allow the model to count agricultural products in video frames.
2. End-to-end data science projects: As a co-lead in the UC Davis Data Science Club (DDSC), I spearheaded projects involving demand forecasting, customer churn analysis, and credit risk classification, utilizing industry-standard tools and techniques.
3. AI agent development: My team recently won the 2024 Duke University AI Hackathon by designing an AI agent system capable of generating simple agents based on user commands.
4. Forecasting airport traffic for the San Francisco International Airport, where I utilized time series methods and machine learning algorithms to predict future traffic trends.

I am proficient in Python with its data science and machine learning libraries, as well as SQL for data preprocessing. I am also gaining experience with cloud deployment using AWS and Docker and am committed to continuously updating my skills to align with industry trends.

Your team's commitment to innovation and industry impact resonates with me. To further illustrate my skills and experience, I invite you to review my GitHub and LinkedIn profiles included in my application.

Thank you for your time and consideration. I look forward to further discussions and welcome any questions.

**Regards,
Dave / Ru Han Wang**