

20 July 2024

Dear Hiring Manager, University Recruiter, CommandLink,

I'm Jay, a CS grad student with a passion for developing software and integrating it with AI! As part of my master's program, I have been diving deep into Deep Learning and Computer Vision applications in the real world. My goal is to leverage my skills and experience to drive innovation and progress in the expansive realm of software development. I'm excited about the opportunity to collaborate with like-minded professionals on challenging projects that push the boundaries of what's possible in this ever-evolving field!

To make things easier for the recruiter, I'll answer how each qualification is relevant to my experience:

- **Educational Background:** I hold a Master's in Computer Science and a Bachelor's in Computer Engineering, both from UCSD.
- **Data Science and Python Proficiency:** Throughout my master's program, I extensively worked with Python and AI/ML frameworks like TensorFlow, PyTorch, OpenAI, LLaMA, and LangChain. My project focusing on LLM was selected for a poster presentation at the AMIA 2024 conference.
- **AI/ML Development Experience:** My experience includes deep engagement with NLP tasks and predictive modeling, complemented by formal education in object-oriented design and practical application in various projects.
- **Programming Skills:** Highly proficient in Python, having used it extensively since my undergrad days, along with practical applications in multiple ML libraries and frameworks for project implementations like the smart mirror and Divya Drishti.
- **Data Processing and Analysis:** My capabilities in data analysis and machine learning are evidenced by both academic courses and significant projects. For example, during my internship at Legendary Entertainment, I analyzed user behavior and anomalies, and as a TA for a Deep Learning course, I refined my understanding of ML concepts.
- **Project Management and Team Collaboration:** I excel in team environments, valuing communication and collaboration. Notably, I led a team to victory in a 24-hour hackathon, demonstrating effective project management from conception to implementation.
- **Communication Skills:** Communication is key! I've consistently translated complex technical concepts into accessible terms, a skill sharpened through internships and cross-team collaborations, ensuring clarity and mutual understanding.
- **Cloud Deployment Experience:** My internships involved using cloud platforms like AWS, Azure, and Google Cloud for deploying AI solutions and optimizing data transfers, showcasing my ability to work with modern cloud technologies.
- **Familiarity with DevOps:** My coursework during my master's covered essential DevOps practices like map-reduce, preparing me for efficient deployment and monitoring of AI/ML models.

Thank you for the time and consideration. Looking forward to hearing back!

Have a great day ahead,

Best,
Jay