

COVER LETTER

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April 22, 2025

Hiring Manager
Pivto Learning

Dear Hiring Manager,

I am writing to express my enthusiastic interest in the Software Developer position at Pivto Learning, as advertised on WashU's Skandalaris Internship Program website. Having followed Pivto's innovative work in creating engaging custom e-learning solutions for healthcare, I am particularly drawn to the opportunity to contribute to building an eLearning course authoring tool leveraging generative AI.

As a Computer Science Master's student with hands-on experience in full-stack development and a strong focus on artificial intelligence, my skills and project experience align directly with the requirements outlined in the job description. My coursework at Washington University in St. Louis includes Artificial Intelligence for Health, Deep Learning, and Software Development, providing me with a solid theoretical foundation in the key areas relevant to this role.

I have practical experience in developing both front-end and back-end systems. My project, "Interactive Storybook", involved building a full-stack web application using Vue.js, Node.js, and MongoDB, where I integrated the OpenAI API to enable AI-driven content generation. This experience directly mirrors the requirement to craft front-end interfaces using React or Vue.js and develop back-end systems with Node.js, while also demonstrating my ability to integrate generative AI for automated content creation.

Furthermore, my research on "Multimodal Prediction of Alzheimer's Disease" involved implementing deep learning models using TensorFlow and Keras, showcasing my familiarity with AI frameworks mentioned in the job description. Similarly, my project on "Datacenter Cooling Optimization using Deep Reinforcement Learning" utilized Python and libraries like TensorFlow, further demonstrating my proficiency in essential programming languages and AI tools.

My experience as a Data Analyst Intern at Lab714 provided me with practical experience in data management and utilizing cloud platforms like AWS, which I leveraged to engineer a data pipeline using React. This experience complements the requirement for proficiency in cloud platforms and database management (SQL, MongoDB).

I am particularly excited by the prospect of contributing to Pivto's mission of making complex engagement beautifully simple through modern, tailored learning solutions. My passion for applying technical skills to create impactful solutions, combined with my experience in AI, full-stack development, and database management, makes me confident in my ability to contribute significantly to your team.

Thank you for considering my application. I have attached my resume for your review and welcome the opportunity to discuss my qualifications further in an interview.

Sincerely,

Aadarsha Gopala Reddy