

COVER LETTER

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Hiring Manager
Pilotbird

Dear Hiring Manager,

I am writing to express my enthusiastic interest in the Python Developer position at Pilotbird, as advertised on WashU's Skandalaris Internship Program website. With my Master's degree in Computer Science and a strong foundation in Python development, complemented by experience in AI, database management, and a proactive approach to problem-solving, I am confident I possess the skills and drive to make a significant contribution to your team.

My academic coursework at Washington University in St. Louis, including studies in Artificial Intelligence for Health, Deep Learning, and Software Development, has provided me with a robust theoretical understanding of the technologies relevant to this role. Furthermore, my practical experience, demonstrated through various projects, aligns well with the technical skillset you are seeking. For instance, in my "Interactive Storybook" project, I utilized Python-based backend technologies with Node.js and integrated the OpenAI API, gaining valuable experience in API integration and deployment beyond traditional analytical models.

My research in "Multimodal Prediction of Alzheimer's Disease" involved the application of deep learning models (CNNs) for MRI image analysis, showcasing my ability to work with specific data models, a key requirement mentioned in the job description. This project, along with my work on "Datacenter Cooling Optimization using Deep Reinforcement Learning", where I leveraged data-driven insights to achieve significant energy efficiency improvements, highlights my statistical training and ability to learn from and utilize data in the development of effective solutions.

Beyond my technical skills, I am a highly proactive individual who takes initiative to solve problems, as evidenced by my leadership roles in various student organizations and my experience leading initiatives as a Graduate Assistant at Washington University in St. Louis. I am also a strong communicator, honed through presentations of my research and collaborative project work.

I am particularly drawn to Pilotbird's innovative approach to leveraging data analytics within the insurance industry. The opportunity to contribute to a company that utilizes cutting-edge technologies like Context-Aware A.I. to enhance risk scoring and detect fraud is highly appealing. I am also comfortable with the on-site requirements at both the Locust Office and the Skandalaris Center and am eager to immerse myself in the collaborative environment at Pilotbird.

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