

# Matthaios Markatis

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Dear Hiring Manager,

I am thrilled to apply for the Data Scientist position at Builder.ai. With a BSc in Physics from the University of Sheffield, complemented by advanced certifications in Data Science and AI Engineering from IBM, I am eager to contribute to a company known for its innovative approach to app development.

I possess a robust foundation in machine learning and data analysis, with practical experience reflected in my recent project where I developed an IoT-based Wildfire Detection System. By utilizing Random Forest algorithms, I achieved an impressive 85% accuracy in predicting wildfire probabilities, demonstrating my ability to apply advanced data analysis to real-world challenges. This aligns seamlessly with Builder.ai's goals of leveraging generative AI for code generation and optimizing the customer journey.

Moreover, my capstone project involved implementing a deep learning traffic sign classification system, utilizing TensorFlow and Keras. I successfully deployed the model on the IBM Watson platform, ensuring that it functions effectively in real-time scenarios. This experience is directly relevant to the responsibilities at Builder.ai, such as automating software assembly and analyzing dependency structures to enhance development workflows.

I am particularly drawn to Builder.ai's commitment to innovation and your HEARTT values, which align closely with my principles. The emphasis on collaboration and experimentation excites me, and I believe my proactive, entrepreneurial mindset, combined with my technical expertise, positions me as a strong fit for your vibrant team.

Thank you for considering my application. I am enthusiastic about the opportunity to discuss how my skills and experiences can contribute to Builder.ai's mission to revolutionize app building. I look forward to the possibility of an interview.

Sincerely,  
Matthaios Markatis