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Mr Rifaldy Fajar

Rifaldy Fajar holds a bachelor's degree in mathematics, specialising in Mathematical Modeling for Biology and Medicine. His undergraduate thesis focused on modeling meningitis disease. He completed a 6-month research internship at the Living Systems Laboratory, Department of Bioscience and Computer Science, King Abdullah University of Science and Technology, Saudi Arabia, refining his skills. He pursued an Erasmus master's Double Degree in Applied and Interdisciplinary Mathematics at the University of L'Aquila, Italy, and Karlstad University, Sweden.

His master's thesis concentrated on algorithmic computational medicine for infectious diseases. Currently, Rifaldy works as a research assistant at the Computational Biology and Medicine Laboratory, at Yogyakarta State University, Indonesia. His work centers on computational and machine learning in immunology, particularly for rare diseases. He collaborates with Indonesian hospitals and healthcare centers on projects like "Integrating Machine Learning and Multi-Modal Data Analysis for Precise Diagnosis and Treatment Optimization in Rare Primary Immunodeficiency Diseases." In November 2023, Rifaldy achieved recognition, winning the Best Abstract Research award at the 6th IPIC in Rotterdam and a Travel Grant Awardee for The International Congress of Immunology in Cape Town, South Africa.