

Prof. Abdul-Rahman Mawlood-Yunis



Abdul-Rahman Mawlood-Yunis is an Associate Professor in the Department of Computer Science and Physics at Wilfrid Laurier University (WLU) in Waterloo, ON, Canada. His teaching expertise includes courses in Android programming, object-oriented programming in Java, software engineering, mobile application programming, and capstone projects.

His research interests encompass mobile and smart TV applications, natural language processing (NLP), software engineering, peer-to-peer systems, distributed computing, the Semantic Web, and business intelligence. His contributions include feature selection using machine learning and optimization algorithms, as well as the development of sentiment analysis models, gender-based writing style classifiers, and Kurdish text processing tools.

Before joining WLU, he taught at Carleton University and Algonquin College. Alongside his academic career, he has over a decade of experience as a software developer, analyst, and team leader in the Canadian federal government, working on business intelligence, web development, and SAP application development.

He has authored numerous publications, including the book *Android for Java Programmers*, and has served on technical program committees for conferences such as the Canadian AI Conference and the International Conference on Building and Exploring Web-Based Environments.

Notably, he developed a Samsung Smart TV app with 200,000+ downloads worldwide and published three Android mobile apps with over 20,000 downloads. He has also been featured in media interviews, including a CBC TV segment on the role of apps in dieting.