

Robert (B.J.) Johnson

Clinical Assistant Professor in Electrical Engineering & Computer Science at Loyola Marymount University

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Biography

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Robert (B.J.) Johnson earned his B.S. and M.S. in Computer Science from LMU in 2002 and 2005, respectively, and his PhD in Information Systems and Technology from Claremont Graduate University in 2018. He has been a part-time instructor at LMU since fall semester, 2005. Professor Johnson has worked in the aerospace industry for over 36 years as a programmer, analyst, and software engineer/architect, for Boeing Satellite Systems, Raytheon Company, and Hughes Aircraft Company. In that career he has primarily focused on satellite control and telemetry systems, and on computer-automated spacecraft testing systems. He co-authored “Applying the Rapid Application Development Process to Satellite Payload Test Software” with Albert Lin of Boeing, and is currently working on a publication for the Journal of Computers and Education. B.J. is a member of the Tau Beta Pi and Sigma Alpha Nu honor societies, and served as former Chair and Vice-chair of the Los Angeles chapter of the ACM. His research interests include adult learning, contrasting virtual world learning with traditional PowerPoint methods, and tailoring learning to different preferred learning styles. B.J. is also very interested in software engineering, robotics, AI, machine learning, database applications, and engineering ethics.

Industry Expertise

Electrical Engineering, Industrial Automation, Defense, Corporate Training, Writing and Editing, Computer/Network Security, Security, Education/Learning, Information Technology and Services, Computer Software, Safety

Areas of Expertise

Database Systems, Research, Software Engineering, Computer Science, Agile Development

Education

Claremont Graduate University

Ph.D. Information Systems and Technology

Loyola Marymount University

MSCS Computer Science

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