

DR. MOHD AMIR IDZHAM IBERAHIM

SENIOR LECTURER

Dr. Mohd Amir Idzham's research centers on Virtual Reality (VR) and Machine Learning (ML). Previously, he developed predictive models and applied VR in healthcare; he now extends this work to the marine domain. Overall, his goal is to fuse the predictive power of ML with the immersive capabilities of VR.



RESEARCHER PROFILE

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EDUCATION

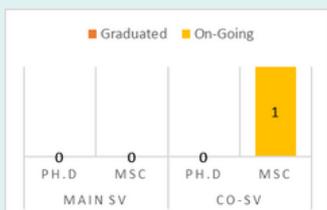


- PHD IN COMPUTER SCIENCE, UNIVERSITI SULTAN ZAINAL ABIDIN (UNISZA)
- MASTER IN INFORMATION TECHNOLOGY, OPEN UNIVERSITY MALAYSIA OUM)
- BSC (Hons) BUSINESS INFORMATION SYSTEMS (UNIVERSITY OF EAST LONDON - KUSZA)

AREAS OF EXPERTISE

- Virtual Reality
- Multimedia
- Machine Learning

SUPERVISION



COLLABORATORS



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SELECTED PUBLICATIONS

- ✓ Iberahim, M. A. I., Wan Shamsuddin, S. N., Makhtar, M., & El-Ebiary, Y. A. B. (2024). "Enhancement of Finger State Progress Model for Markerless Virtual Fine Motor Stroke Rehabilitation". *Nanotechnology Perceptions*, 20(S14).
- ✓ M. A. I. Iberahim, S. N. Wan Shamsuddin, M. Makhtar, M. N. Abdul Rahman, and N. Simbak, "Development of Virtual Reality (VR) Application for Fine Motor Stroke Rehabilitation," *Int. J. Emerg. Trends Eng. Res.*, vol. 8, no. 5, pp. 1952-1958, May 2020.
- ✓ M. A. I. Iberahim, S. N. Wan Shamsuddin, M. Makhtar, M. N. Abdul Rahman, and N. Simbak, "Finger State Progress Model for Virtual Fine Motor Stroke Rehabilitation," *Int. J. Eng. Trends Technol.*, no. Editor's Issues-2020 Finger, pp. 108-113, Oct. 2020.
- ✓ M. A. I. Iberahim, S. N. Wan Shamsuddin, M. Makhtar, M. N. Abdul Rahman, and N. Simbak, "Time-based Simplified Denavit-Heartenberg Translation (TS- DH) for Capturing Finger Kinematic Data," *Int. J. Eng. Technol.*, vol. 7, no. 3.28, p. 20, Aug. 2018.