

Ali Al-Naji

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Bio

Ali Abdulah Noori Al-Naji (**Ali Al-Naji**) received the bachelor of Engineering in Medical Instrumentation Techniques from the Electrical Engineering Technical College, Middle Technical University, Baghdad, Iraq (2005), master of science in the Electrical & Electronic Engineering from the University of Technology, Baghdad, Iraq (2008) and Ph.D. degree in the Electrical & Information Engineering, University of South Australia (UniSA), Australia (2018). Ali is a member of the Institute of Electrical and Electronics Engineers IEEE (2017), Engineers Australia (2018) and the International Association of Engineers IAENG (2018). His research interests include biomedical engineering, computer vision systems, and microcontroller applications.

Education

BEng in the Electrical Engineering Technical College, Middle Technical University, Baghdad, Iraq, 2001-2005

Msc in the Electrical & Electronic Engineering department, University of Technology, Baghdad, Iraq, 2006-2008.

PhD in the Electrical & Information Engineering, University of South Australia, Australia, 2014-2018

Current Work Address

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Academic Identifiers

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PUBLONS

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Academic Websites

Google Scholar

<https://scholar.google.com.au/citations?user=3-z1UgEAAAAJ&hl=en>

ResearchGate

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Mendeley profile

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Skills

Machine vision, Matlab, C++, computers, printed circuits design and microcontrollers programming.

Publications with Impact

[1] A. Al-Naji & J. Chahl, "Remote respiratory monitoring system based on developing motion magnification technique," *Biomed. Signal Process. Control*, vol. 29, pp. 1–10, 2016.

<https://www.sciencedirect.com/science/article/pii/S1746809416300441>

[2] A. Al-Naji, K. Gibson, S.-H. Lee, & J. Chahl, "Monitoring of cardiorespiratory signal: Principles of remote measurements and review of methods," *IEEE Access*, vol. 5, no. 17124272, pp. 15776–15790, 2017.

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[3] A. Al-Naji & J. Chahl, "Non-contact heart activity measurement system based on video imaging analysis," *Int. J. Pattern Recognit. Artif. Intell.*, vol. 31, no. 2, pp. 1–21, 2017.

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<https://www.tandfonline.com/doi/abs/10.1080/21681163.2018.1441075>
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<https://ieeexplore.ieee.org/document/8306266>
- [13] A. Al-Naji & J. Chahl, "Detection of cardiopulmonary activity and related abnormal events using Microsoft Kinect sensor," *Sensors*, vol. 18, no. 3, p. 920, 2018.
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<https://www.emeraldinsight.com/doi/abs/10.1108/IJIUS-10-2017-0012>
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