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Faculty of Computers and Information



Menoufia University

**Automated detection of COVID-19 cases in digital medical images using deep learning approaches**

Thesis Submitted in Accordance with Partial Fulfillment of Requirements of Menoufia University for the Degree of Master in Computers and Information

In

**[Information Technology]**

By

**Mahmoud Zaky Fetoh AtaALLAH**

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Faculty of Computers and Information,

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