

# **Integrating Cross-Modality to Enhance Semi-Supervised Medical Image Segmentation**

A THESIS SUBMITTED TO  
THE SCHOOL OF COMPUTING

**BY**

**AKHMAD MUZANNI SAFI'I**

**2301202025**



**Universitas  
Telkom**

IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE DEGREE  
OF  
MASTER OF INFORMATICS  
IN  
THE SCHOOL OF COMPUTING

**TELKOM UNIVERSITY  
2022**