



- Master thesis - Biometric Gait Recognition and Artificial Neural Networks

NISLab

The information security group at GUC is the Norwegian Information Security laboratory - NISlab. NISlab is part of the Faculty for Computer Science and Media Technology. The group conducts international competitive research in several areas of information security, supervises Ph.D. research projects in this field and teaches courses in information security at the master and bachelor level. Read more on www.nislab.com.

Motivation & Goal

Gait is the term of how one person is walking. Each human-being has more or less a unique walking pattern, and thus it is possible to recognize people of their walk (gait recognition). The purpose of this project is to design and implement a neural network for gait recognition data and to get a good understanding of relevant biometrics literature and issues relevant to gait dependent identification. Experimental analysis data are already available but will be compared with existing solutions to the same problem when the implementation of the neural network has been developed.

Requirements

- High motivation and creativity;
- Practical programming experience in one of the following: Java, C#, C/C++;

Contact

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