



- Master thesis - Visual Simulation of Gait Acceleration Data

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).
The goal of this project is to transform walking data (which is based on acceleration values in x, y and z direction) from a mobile device into a 3D visualization.

Requirements

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

Contact

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