

– Master-/Bachelor Thesis – Emoji Face Recognition

da/sec



da/sec is the biometrics and Internet security research group and is affiliated with University of Applied Sciences Darmstadt and the National Research Center for Applied Cybersecurity (ATHENE). The group is led by Prof. Dr. Christoph Busch. The focus of the group is on highly innovative and applied IT security research in the special fields of biometrics. Read more on www.dasec.h-da.de.

Motivation & Goal

Certain apps allow users to create personalized emojis that can be used in social media. It is of interest whether facial recognition systems can be applied to such emojis. The goal of this project is to collect a database of personalized emojis and benchmark different face recognition systems on them.

Tasks

- Creation of face database with emojis
- Evaluation of face recognition systems on the created database

We offer

- Incentives for the student to work on this project (work within scientific context, international collaboration, work on project in collaboration with companies)

Requirements

- High motivation and creativity
- Programming skills
- Good analytical skills
- Interest in biometric recognition

By Date

By now / by appointment

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