

Stage weken voor de opleiding Master Informatica

Titel: Virtual Classroom

Gegevens bedrijf:

Naam: Barco

Tel:

Contactpersoon: Stages

mailadres: stages@barco.com

Adres waar de student zal werken:

Korte of lange stage: **4 weken / 6 weken**

Korte beschrijving van de opdracht:

Barco's virtual classroom is a cloud-based SaaS solution where a teacher is in a specifically-equipped room while students connect over the Internet. This is interesting in various education scenarios - such as corporate training / higher education - where students may be located in different places around the world (and may combine this with a full-time job). Barco's solution is specifically designed for high-end lecture scenarios and incorporates different types of video feeds, an interactive whiteboard, polls, chat, and so on.

Barco Technology Center Software is a team within Barco that develops new features that could be incorporated into the product within 2 - 5 years from now. The goal of this internship is to support the team members in their day to day activities and contribute actively to the development and testing / validation of these new features. While some of these features relate to improving audio-video quality (e.g., reducing background noise using AI), other features focus on the operational aspect of the setup (e.g., automatically switching between different video or content sources). This is still very much a work in progress but more information about the system and the internship can be discussed during an interview.

Technologieën die aan bod zullen komen:

- For this internship a general background in computer science / IT with relevant programming skills is required
- Technical keywords include: Python, OpenCV, video processing & streaming, git, Linux / shell scripting, Docker, machine learning...