



INTERNSHIP IN R&D: IMAGE PROCESSING TOOL

WAAGNER-BIRO LUXEMBOURG STAGE SYSTEMS

Waagner-Biro Luxembourg Stage Systems S.A. is part of the Waagner-Biro Stage Systems Group, one of the world's largest suppliers of stage technology, with headquarters in Austria. As one of the global market leaders, the company develops and installs stage technology systems for opera houses, theatres, music halls, multi-purpose halls, and cruise ships. The main focus at the Luxembourg location in Rodange is developing the safety-related control system for the stage machinery "Computer-Aided Theatre" (C·A·T), which uses state-of-the-art technology to control the upper- and lower stage machinery in more than 170 venues worldwide.

TASK DESCRIPTION

During your internship you will develop an Image processing tool that measures the distance between different objects:

- You will study the Hardware construction of our Wagon system
- You will create an algorithm to measure the position of a moving system via camera using image processing techniques
- You will test the system in Laboratory and in the deployment environment
- You will participate in the integration tests.

OUR REQUIREMENTS

- Studies in Electrical engineering with knowledge in image processing
- Passion for Science
- Analytical Thinking
- Good Programming Skills

BE PART OF SOMETHING BIG!

An internship with Waagner-Biro Luxembourg Stage Systems delivers chances and challenges alike. Working in an internationally renowned company is not only exciting, but it also represents enrichment in personal and professional development.

Contact: hr.wbl@waagner-biro.com

Waagner-Biro Luxembourg Stage Systems S.A.

1, rue de l'école

L-4813 Rodange

Luxembourg

Phone: +352 503521 420

Web: www.waagner-biro-stage.com

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