Working Student (m/f/d)
to work on internal development project – Constance, GER

WHAT DOES 8TREE DO?

8tree develops, produces and sells 3D scanners. Our most successful product is dentCHECK: a handheld system used to measure damage on aircraft. Our customers are airlines and maintenance companies at airports all over the world. We are a German-American startup with sister company in California.

For our growing team at Neuwerk in Konstanz, we are looking for independent working students to work on internal development projects as soon as possible.

WHAT DOES 8TREE OFFER?

We offer you a positive, international and team-oriented working environment in a stylish office in Neuwerk, Constance.

- ✔ An international team with great personalities and exciting candidates who will appreciate your efforts

- ✔ A lot of creative freedom and responsibility in your daily work and a trusting working relationship with short decision-making processes

- ✔ An innovative product with worldwide customer contact in the aerospace and renewable energies sector

- ✔ Flexible working hours

- ✔ Attractive payment on an hourly basis Interdisciplinary insights

CURIOUS?

Then we look forward to receiving your resume with a short cover letter to Erik Klaas. If you have any questions about the position, whether in terms of content or organization, please feel free to contact us at any time.

Application deadline: 22.04.2022

8TREE

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Working Student (m/f/d)
Tone Mapping for Aircraft Panel Circle Detection

We are seeking a motivated and skilled student to join our team and conduct cutting-edge research in the field of computer vision. The successful candidate will work on exploring the use of tone mapping to improve the detection of circles on aircraft panels.

RESPONSIBILITIES

✓ Performing experiments on the application of tone mapping to detect circles on aircraft panels.

✓ Developing and implementing algorithms using C++ or Python programming languages.

✓ Utilizing OpenCV to perform image processing and analysis.

✓ Designing and executing experiments to collect data and analyze results.

✓ Creating reports and presentations to communicate findings to the team.

RELEVANT SKILLS

✓ Enrolled in a degree in Computer Science, or a related field.

✓ Working knowledge of C++ or Python programming languages.

✓ Prior experience with OpenCV and image processing.

✓ Strong analytical and problem-solving skills.

✓ Interest in the field of computer vision and the aerospace industry.

BENEFITS

✓ Competitive compensation from 15 to 20 Euros per hour depending on experience.

✓ Flexible work hours that accommodate your schedule.

✓ Opportunities for professional development through workshops and training sessions.

✓ A supportive and collaborative work environment that lets you play to your strengths.

This is an exciting opportunity for a motivated individual to gain hands-on experience in mechanical design and electronics while contributing to a project that has practical applications. We offer a flexible and collaborative work environment, competitive compensation, and the opportunity to work alongside experienced engineers.
If you are a self-starter with a passion for developing practical solutions and a keen eye for design, we encourage you to apply for this position.