Mandatory Internship with Master Thesis - 3D Scene Generation of Outdoor Environments - REF72306E

工作职责

Hey, you are looking for an exciting internship with thesis and would like to gain valuable insights into the field of 3D Scene Generation of Outdoor Environments? Then we have just the thing for you!

We are looking for you **starting in February** for a **3-months mandatory internship** followed by a **6-months master's thesis** to support us in our AI laboratory in Berlin. We will need you mostly **on site in Berlin**. But we also understand that there are days when you'd rather work from home. Therefore, together we find a solution that suits us all - **remote working** hours are therefore possible in consultation with your supervisor.

The following tasks are to be processed in this Master's thesis:

- You will actively work towards improving the appearance and geometry of representations of large outdoor scenes

While not mandatory, this position is particularly well-suited for students who are considering a future in research or pursuing a PhD.

职位要求

Are you wondering whether you are suitable for the internship with thesis in the field of 3D Scene Generation of Outdoor Environments? Here are key qualifications we are looking for:

- You study in the field of Artifical Intelligence, Machine Learning, Computer Vision, Computer Science, Robotics, Mathematics or comparable courses of study, so that you have basic aspects of our area of responsibility
- Strong programming skills in **Python** are absolutely necessary in the context of this position
- You should have a strong interest in working on generative models for 3D scene representation
- It would be great if you have experience in **3D perception** (familiar with Gaussian Splatting), previous exposure to **SLAM**, erperience with **deep learning**, training and optimizing large architectures as well as already worked with **Docker, PyTorch, OOP** and **Git**
- Demonstrated research/software engineering experience through previous internships, work experience, coding competitions and/or research projects and papers snd precious exposure to CARLA are a plus
- Fluent English language skills in word and writing are absolutely necessary for us

In addition to these technical requirements, we are also looking for certain properties and skills:

职位号码
REF72306E

工作职能
工程

所在地
Berlin

招聘专员
Jana Janotta

法律实体名称
co-pace GmbH

- You are independent, goal-oriented and structured and know how to work effectively without losing track - always pay attention to high-quality results
- Analytical thinking and problem-solving kills are also beneficial and can help you solve the tasks effectively
- Creativity and flexibility are a matter of course for you and help you to find unconventional solutions
- A very good communication and teamwork skills are particularly important for us - after all, we always have to work together on solutions

Before you submit your application, there are a few things you should think about: We need your current immatriculation certificate and your current grade level as well as an excerpt from the study regulations regarding the completion of a thesis in order to be able to process your application.

If you are not from the EU area, please also send us your valid residence permit and your work permit including the additional sheet.

Applications from severely handicapped people are welcome.

我们可以提供

- You will receive qualified support from our **experienced specialists** and PhDs to improve your professional knowledge and practical skills
- Your commitment to us is **fairly remunerated**: We know that your work is valuable and want to ensure that you are adequately remunerated
- We offer you **flexible working hours** with hybrid working models, where you have the opportunity to occasionally work from home, because we know how important the interaction of private and professional life is.
- Our location is **centrally located in Berlin** and we look forward to welcoming you to our Co-Working Space AI Campus
- We provide a powerful **GPU infrastructure**, because only with excellent technology can we achieve great
- Participate in **journal clubs and networking events** and share technical topics with your colleagues on campus

If you find yourself in our position and feel like working with us on exciting projects, then apply now and become part of our team!

[Diversity, Inclusion & Belonging](#) are important to us and make our company strong and successful. We offer equal opportunities to everyone - regardless of age, gender, nationality, cultural background, disability, religion, ideology or sexual orientation.

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关于我们

Continental develops pioneering technologies and services for sustainable and connected mobility of people and their goods. Founded

in 1871, the technology company offers safe, efficient, intelligent and affordable solutions for vehicles, machines, traffic and transportation. In 2023, Continental generated sales of 41.4 billion and currently employs around 200,000 people in 56 countries and markets.