

Learning Agreement

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2023-07-17

1 Internship Details

In the following section basic information's about the internship will be provided.

Intern: Emily Sterthaus

College/University: Westfälische Wilhelms-Universität Münster

Degree Program: Master of Science Geoinformatics and Spatial Data Science

Internship Provider: con terra GmbH

Internship Location Martin-Luther-King-Weg 20, 48155 Münster, Germany

Department: Open Data and Copernicus

Internship Supervisor: Thore Fechner, t.fechner@conterra.de

Supervisor Frequency: Bi-weekly

Internship Duration: 196 consecutive days \approx 6.5 Months

Expected Hours per Day: 6,4 Hours

Expected Hours per Week: 32 Hours

Start Date: 2023-09-01

Remote Work: Mixed, at least 50% on site

The Internship will be done for 25 ECTS. Therefore the total work time will be 750 Hours. The planned duration already accounts for Vacation and Holidays. In case the student does not meet the required Work Hours, the internship will be extended until the needed hours are reached. The hours per day/week are just an estimation and can vary.

2 Learning Objectives

The primarily goal of the internship is to gain practical experience in the field of software development. The following list contains the learning objectives for the internship.

- **Technical Skills**

- Enhancement of proficiency in GIS software and infrastructure
- Further development of coding and data analysis capabilities
- Mastery in data management
- Acquisition of knowledge in emerging technology standards

- **Soft Skills**

- Familiarization with project management and participation in large-scale projects
- Development of collaborative skills for team environments
- Improvement in effective communication strategies

- **Conceptual Skills**

- Skill development in recognizing correlations between various topics
- Improvement in strategizing for problem-solving

3 Internship Activities

In the course of the internship, the Intern will primarily work on various projects. The following list contains example projects the intern will work on.

1. GD NRW
 - Digital asset management System (DAM) with an Geo-Metadatasystem
2. Open Pioneer
 - Realization of a digital twin with Cesium and OpenLayers for NRW

4 Internship Evaluation

The Evaluation of the internship will be done in form of a report. The report will be written in English and will be submitted to the internship supervisor and to the university. The report will be presented by the intern in a Wrap up Seminar. The report will contain a description of the internship activities and the learning objectives. The report will also contain a self evaluation of the intern.

5 Agreement

We, the undersigned, agree to the terms of this Internship Learning Agreement and commit to support the intern to achieve the outlined learning objectives:

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Intern's Signature	Date

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Internship Supervisor	Date

.....
con terra	Date

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Academic Advisor's/University's Signature	Date