FABIAN REHMANN

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PROFILE

Master of Environmental Geoscience and Geomatics graduate, combining a strong scientific background in geodesy, remote sensing, UAV aerial surveying, deep learning applications, and environmental impact analysis with international operational leadership experience. Originally trained in geosciences in Germany, and after gaining valuable intercultural and operational skills in the USA, I advanced to strategic leadership roles in Norway, currently serving as Chief Technology Officer for an established hospitality company.

After several years in business administration, I made the deliberate decision to transition back to the scientific and technical fields that have always been my professional foundation and long-term goal. I aspire to build a career at the intersection of geospatial science, environmental monitoring, and defense applications, further developing my technical expertise while contributing to projects with lasting societal value.

Fast to learn and continuously striving to expand my capabilities, I bring strong project management, system integration, and stakeholder communication skills, coupled with hands-on technical knowledge and the ability to work across international teams. I am committed to a career where scientific rigor, operational excellence, and sustainable impact meet — and I am fully open to entry-level positions where I can contribute immediately and grow within the field.

EDUCATION

Master of Science – Environmental Geoscience, Geohazards & Geomatics

University of Oslo, Norway | 2023 – 2025 | GPA: 4.0

- **Master Thesis: UAV-Multispectral Mapping of Arctic Beach Plastics: Comparing Machine-Learning and Deep Learning Workflows under small-data constraints.** As part of this fieldwork, I spent 5 days working on a ship to reach the remote areas of Svalbard for the fieldwork.

Bachelor of Science – Geoscience

University of Göttingen, Germany | 2013 – 2019 | GPA: 4.0

TECHNICAL TOOLS & METHODS

• GIS & Remote Sensing (QGIS, ArcGIS Pro, ENVI) • UAV Mission Planning & Field Operations • Photogrammetry (Pix4D, Agisoft) • Multispectral, Hyperspectral, RGB & Thermal payloads and Data Analysis (UAV & Satellite) • 3D Modelling & Terrain Analysis • Deep Learning for Multispectral Data • Python (Basic – AI-assisted development & script adaptation) • Environmental Impact Assessment - UAV Pilot Licence A1 / A3 according – 100+ hours flight hours with multiple drone systems (DJI Mavic Series, Phantom Series, Inspire Series, Matrice Series) • AI Tools: Proficient in AI platforms like ChatGPT, Gemini, Mistral, and Copilot for work enhancement and task automation

CORE COMPETENCIES

• Project Management • Cross-Functional Team Leadership • Technical Training & Communication • Vendor & Stakeholder Coordination • Agile Implementation • Strategic Operational Planning • International Collaboration • Scientific Problem Solving • Process Optimization • SOP Development • System Integration

PROFESSIONAL EXPERIENCE

Chief Technology Officer

Æventyr1 AS | Oslo, Norway (Remote) | Jan 2025 – Present

Led strategic planning and integration of digital systems for an international tourism group.

- Project leadership in multi-system technical integration projects.
- SOP development and operational process optimization.
- Cross-functional team training and onboarding.
- Vendor negotiation and developer coordination.
- Strategic planning and risk mitigation.

Digital Project Coordinator

Æventyr Utvikling AS | Oslo, Norway (Remote) | Sep 2023 – Jan 2025

Led deployment of digital solutions across internal teams and external partners.

- Assessment of requirements and technical specification development.
- Project coordination and agile delivery.
- Vendor management and quality assurance.
- Stakeholder communication and reporting.

Digital & Business Development Manager

Æventyr Alta AS | Alta, Norway | May 2021 – Aug 2023

Managed cross-functional development projects and initiated sustainability integration.

- Sustainability project planning and environmental auditing.
- Cross-functional project management.
- Supplier relationship management.
- Strategic process improvement initiatives.

Lecturer – EU Project MEET

University of Göttingen | Göttingen, Germany | Apr 2019 – May 2019

Delivered workshops on UAV applications in geoscientific research.

- Scientific communication and technical training delivery.
- Field operation planning for UAV-based data acquisition.
- Workshop and curriculum development.
- Remote sensing application for geological studies.

Student Research Assistant – UAV Pilot

University of Göttingen | Göttingen, Germany | Feb 2019 – May 2019

Executed UAV aerial surveys for geological studies supporting geothermal research.

- UAV mission planning and field data acquisition.
- Photogrammetric processing and analysis.
- Geospatial analysis for structural geology applications.
- Technical documentation and data integrity management.

Cultural Exchange Professional

Xanterra Travel Collection | Yellowstone National Park, USA | Seasonal 2016–2019

Worked in operational roles across hospitality, gaining international work experience.

- Team leadership and operational logistics.
- Intercultural communication and collaboration.
- Compliance with operational standards and regulations.
- Problem-solving in high-pressure environments.

Languages

- German (native)
- English (fluent, TOEFL score 115/120)
- Norwegian (basic understanding)