

# DAVID ABREU DE ANDRADE

Environmental & Sanitary Engineer | ESG, Data & Technology

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Languages: Portuguese (native) • English (fluent) • Spanish (intermediate)

## PROFESSIONAL SUMMARY

Environmental & Sanitary Engineering student at UFSC (graduating 2026), with hands-on experience in **environmental licensing, solid waste management, and Nature-based Solutions (NbS)**. Combines a technical-environmental background with data analysis tools (Python, Power BI) and GIS/CAD software (QGIS, AutoCAD) applied to ESG, sustainability, and process automation challenges. Active in academic, corporate, and volunteer projects with socio-environmental impact.

## EDUCATION

**B.Sc. in Environmental & Sanitary Engineering**  
Federal University of Santa Catarina — UFSC

*Expected graduation: 2026*  
Florianópolis, SC

## PROFESSIONAL EXPERIENCE

**Environmental Engineering Research Intern**

*Jun 2024 – Dec 2024*

**LABEFLU — Liquid and Gaseous Effluents Laboratory / UFSC**

Florianópolis, SC

- ▶ **Conducted a literature review** on the decommissioning of wastewater treatment plants, producing technical recommendations adopted by the lab team.
- ▶ **Assessed the applicability of Nature-based Solutions (NbS)** in decommissioning projects, supporting decisions on low-cost, sustainable alternatives.
- ▶ **Coordinated field monitoring** and prepared technical operational reports for internal and external project stakeholders.

**Environmental Engineering Intern**

*Jul 2022 – May 2024*

**EGP Engenharia**

Florianópolis, SC

- ▶ **Monitored Environmental Licensing conditions** across multiple projects, ensuring regulatory compliance with agencies such as IMA/SC and FATMA.
- ▶ **Updated and managed the company's Solid Waste Management Plan (PGRS)**, standardizing routines for segregation, disposal, and traceability of generated waste.
- ▶ **Built spreadsheets and tracking dashboards** for licenses, waste, and effluents, automating the monitoring of deadlines and environmental KPIs.
- ▶ **Organized Environmental Education initiatives** for employees, increasing internal engagement with sustainable practices on construction sites.

**English Tutor & Content Reviewer (Freelance)**

*Jan 2021 – Oct 2025*

**Independent remote work**

Remote

- ▶ **Delivered private English classes** focused on oral fluency and professional communication, serving students of different levels and goals.
- ▶ **Ran the operation end-to-end** — student acquisition and relationship management, scheduling, learning materials, and structured progress feedback.

## VOLUNTEERING & LEADERSHIP

**Project Member**

*Mar 2026 – Present*

**Enactus Brazil**

- ▶ **Develops sustainable proposals** with socio-environmental impact, applying entrepreneurship and impact-business methodologies.

**Volunteer**

*Feb 2025 – Present*

## Cidades Invisíveis

- ▶ **Supports social inclusion initiatives** in vulnerable communities, bridging the socio-environmental agenda with human rights.

## Sustainability Initiatives Coordinator

*Mar 2021 – Dec 2024*

### NEAMB — Environmental Studies Group / UFSC

- ▶ **Implemented sustainability initiatives on campus** involving waste management, environmental education, and mobilization of the academic community.

## Technical Volunteer

*Mar 2021 – Mar 2023*

### Instituto Çarakura

- ▶ **Supported the environmental regularization** of Permanent Preservation Areas (APPs), including documentation review and on-site technical support.

## TECHNICAL SKILLS

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**Environmental Engineering & Sanitation:** Environmental Licensing • Solid Waste Management (PGRS) • Effluent Treatment • Hydrology • Nature-based Solutions (NbS) • Environmental Education • ESG

**GIS & Modeling:** QGIS • AutoCAD

**Data Analysis & BI:** Power BI • Advanced Microsoft Excel • Data visualization and technical reporting

**Programming & Automation:** Python (data analysis and automation) • JavaScript / TypeScript • Next.js • Git/GitHub • Vercel • Applied AI for process automation

**Tools:** Full Microsoft Office suite • Google Workspace