

Oswaldo Reategui Garcia

oswaldo_reategui@outlook.com ◇ Berlin, Germany

[LinkedIn](#) ◇ [GitHub](#)

SUMMARY

As an MSc Computer Science graduate, I specialize in leveraging AI-driven automation and data analytics to optimize processes and drive sustainable solutions. Proficient in Python, JavaScript, R, and GIS, I have applied these skills to enhance operational efficiency and inform strategic decision-making. My interdisciplinary experience has equipped me with a unique perspective on integrating technology with environmental considerations, enabling me to develop innovative solutions that balance efficiency with sustainability. I am currently seeking opportunities to contribute my expertise in AI, automation, and digital transformation to forward-thinking organizations committed to innovation and sustainable growth.

EXPERIENCE

Digital Systems and Operations Coordinator (Part-time)

Sep 2023 – Present

Termales Don Grimaldo

Sauce, Peru (Remote)

- ◆ Maintain digital systems, including optimizing the website and an automated online reservation platform, improving user experience and operational efficiency.
- ◆ Implement data-driven accountability processes, leveraging analytics tools to ensure accurate financial reporting and transparency.
- ◆ Streamline customer service operations by integrating digital tools, resulting in faster response times and enhanced client satisfaction.

Founder and Sustainability Advocate (Part-time)

Jul 2024 – Present

Tucuna Angler

Sauce, Peru (Remote)

- ◆ Lead the Tucuna Angler project, utilizing digital tools to promote sustainable fishing practices and organize fishing tournaments in Sauce, Peru.
- ◆ Develop and manage the project's online presence to raise awareness about responsible fishing and aquatic ecosystem conservation.
- ◆ Oversee the sale of fishing articles through digital platforms, ensuring a seamless and efficient customer experience.

Water Quality and Digital Systems Specialist

May 2022 – Aug 2023

Termales Don Grimaldo

Sauce, Peru

- ◆ Coordinated a water quality assessment initiative, analyzing over 150 samples using advanced analytical methods, achieving a 75% compliance rate with environmental standards through effective data interpretation and management.
- ◆ Spearheaded the development and launch of the business website using Wordpress, JavaScript, and PHP, increasing web traffic by 30% and customer engagement by 25% within three months.
- ◆ Revolutionized the user experience by integrating an online reservation system, boosting bookings by 25% and client satisfaction.
- ◆ Deployed an AI-powered chatbot for real-time customer inquiries, improving service efficiency by 80% and contributing to a 20% increase in sales.

Surface and Groundwater Resources Lecturer

Aug 2021 – Mar 2022

Universidad Nacional de San Martín

Moyobamba, Peru

- ◆ Designed and delivered a curriculum on sustainable groundwater management, incorporating machine learning principles to predict aquifer behavior.
- ◆ Directed practical workshops on hydroinformatics, equipping over 100 students with skills in groundwater simulation and management.

Developer of Catalogue on Groundwater Management and Governance Sep 2020 – Dec 2020
International Groundwater Resources Assessment Centre (IGRAC) Delft, Netherlands

- ◆ Developed an interactive online catalogue synthesizing global hydrogeological resources, incorporating data visualization tools and web-based GIS technologies.
- ◆ Conducted in-depth research, compiling a database of over 150 scientific references to support policy development and academic studies.

Technical Environmental Secretary and Project Coordinator Aug 2017 – Sep 2018
Ecology and Tourism Association of Sauce (ADETURSA) Sauce, Peru

- ◆ Collaborated with 18+ stakeholders and government agencies to launch three major ecological projects for sustainable environmental management.
- ◆ Designed and implemented an innovative sewage management system, reducing environmental impact by 40%.
- ◆ Developed ADETURSA's website and an online donation system, increasing fundraising capabilities by 50%.

Environmental Intern Jan 2016 – Mar 2016
Regional Board of Transportation and Communication of San Martín Tarapoto, Peru

- ◆ Coordinated environmental remediation of petroleum-contaminated sites, leveraging geospatial analysis to enhance precision across three sites.
- ◆ Led a bio-remediation project that achieved a 90% reduction in soil contamination.
- ◆ Prepared and presented detailed reports and findings to senior engineers using Microsoft Office Suite.

SKILLS

Programming & Automation: Python, JavaScript, R, PHP, WordPress
Data Analysis & Modeling: Machine Learning, Geospatial Analysis, MODFLOW - GMS, ArcGIS, Microsoft Excel
Web Development: PHP, CSS, SEO, Online Platform Development
Environmental Engineering: Water Quality Assessment, Groundwater Modelling, Environmental Impact Assessment
Soft Skills: Research, Analytical Thinking, Communication, Project Management, Teamwork
Languages: English (Professional), Spanish (Native), German (Intermediate)

PROJECTS

Banking Customer Attrition Analysis and Forecasting System, University of London | [Link](#) Jun 2023
Exoclassifier Model Comparer, University of London | [Link](#) Jun 2023
Dynamic Pricing and Filtering Woocommerce, Personal | [Link](#) Sep 2023

AWARDS

Chevening Scholarship
Chevening Awards Jul 2019

First-Class Honours
Universidad Nacional de San Martín Dec 2015

EDUCATION

MSc. Computer Science, University of London (Remote) Jun 2023 – Oct 2025 | United Kingdom

Intensive German Language Course (A2 – B1), Volkshochschule Pankow Nov 2023 – Oct 2024 | Germany

MSc. Hydrogeology and Water Management, Newcastle University Sep 2019 – Sep 2020 | United Kingdom

Environmental Engineering, Universidad Nacional de San Martín Mar 2011 – Dec 2015 | Peru

VOLUNTEERING

Volunteer, Federation of WWOOF Organisations (FoWO) Sep 2018 – Nov 2020 | Germany

English Teacher, Little Schools of English May 2017 – Sep 2018 | Peru