

ROBERT GERVAIS

Director of Education & Outreach



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LinkedIn Profile

SUMMARY

A visionary education leader with over 15 years of experience developing and executing large-scale educational strategies that engage global communities of millions. Proven ability to translate complex scientific and technical information into accessible, compelling learning programs and interactive stories. Combines a deep background in digital media and curriculum development with foundational experience in environmental engineering and marine conservation projects. Eager to apply expertise in partnership development and community outreach to advance the critical mission of ocean literacy and protection for the National Geographic Society.

CORE COMPETENCIES

- Education Strategy & Program Development
- Science Communication & Ocean Literacy
- Curriculum Design & Digital Learning
- Global Community Engagement & Outreach
- Partnership Development (NGO & Government)
- Project & Budget Management (\$250M+)
- Interactive Storytelling & Media Production
- Stakeholder & Cross-Cultural Communication

PROFESSIONAL EXPERIENCE

2021 – 2025	Education & Learning Director / Lead Directed global educational campaigns for creative/technical tools, fostering a community of millions through accessible, story-driven content. <ul style="list-style-type: none">• Led multidisciplinary teams to create over 100 educational titles.• Translated complex engineering concepts into accessible curricula.• Managed the full program lifecycle from concept to launch.	Epic Games
2017 – 2021	Senior Technical Writer, Unreal Engine Translated highly technical scientific and engineering principles into clear, engaging educational content for a global audience. Authored extensive documentation and tutorials that served as the primary learning resource for using real-time 3D technology in conservation, research, and storytelling applications.	Epic Games
2009 – 2015	Engineer & Project Manager Managed and engineered solutions for large-scale municipal water and wastewater projects, focusing on sustainability and environmental impact. Led technical communication and reporting for the Los Angeles Department of Water & Power Citywide Retrofit Program, coordinating between government agencies and partners to ensure alignment with environmental regulations.	Aegis Engineering Management
2003 – 2009	Engineer & Technical Lead Played a key role in the engineering, management, and technical documentation for major water infrastructure projects with budgets up to \$250 million. <ul style="list-style-type: none">• Landmark Project: Claude "Bud" Lewis Carlsbad Desalination Plant. Served as a core team member on the largest seawater desalination project in the Western Hemisphere, managing coordination of 14 sub-consultant teams.	AECOM / Boyle Engineering Corporation

EDUCATION

Graduated 2016	B.Sc., Computer Science, Real-time Interactive Simulations	DigiPen Institute of Technology
Graduated 2002	B.Sc., Technology & Industrial Arts, Management	Berea College

AWARDS & BOARD MEMBERSHIP

2018 – Present	MSIM Advisory Board Member	University of Washington
2006	Engineering Excellence Award Recognized for contributions to the Carlsbad Desalination Project.	CELSOC & ACEC