Vance Sterling | Aquatic Feed Systems Engineer | v.sterling@oceanfeeds.org

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SUMMARY OF QUALIFICATIONS

Highly accomplished and results-driven **Aquatic Feed Systems Engineer** with **15 years** of specialized experience in designing, optimizing, and managing complex feed delivery and water quality systems within Recirculating Aquaculture Systems (RAS). Proven expertise in driving operational efficiency, achieving superior **Feed Conversion Ratios (FCR)**, and leading multi-million dollar **CAPEX** projects globally. Seeking a Director-level role to leverage technical mastery and strategic leadership.

PROFESSIONAL EXPERIENCE

Research Director, Feed Technology & Automation

Oceanfeeds | Reykjavík, Iceland

October 2015 – Present

- Designed and implemented a Supervisory Control and Data Acquisition (SCADA) system for automated feeding and environmental monitoring across a multi-site Recirculating Aquaculture System (RAS) operation.
- Optimized pump and flow dynamics within existing feed delivery pipes and tanks using Computational Fluid Dynamics (CFD) modeling.
- Led the engineering specification and installation of high-precision acoustic feeding sensors (hydrophones) to monitor fish satiety.

EDUCATION

M.S. in Aquaculture and Fisheries Management

University of Washington, School of Aquatic and Fishery Sciences, Seattle, WA

Graduated: September 2015

Thesis: "Engineering Solutions for High-Density Feed Extrusion and Water Quality in RAS"