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- Principal Associate of DRT
- Ph.D. Applied Mechanics and Economics, California Institute of Technology
- Licensed Mechanical Engineer
- ASME Member and has served as Course Director of Professional Development for a Triannual Engineering Course, Conference Chairman of Technical Sessions (ASME Vibrations Conference), and Guest Lecturer for the ASME Conference
- Adjunct Professor of Engineering at UC San Diego
- Adjunct Professor of Engineering at San Diego State University
- Author of – Flow-Induced Vibration, Formulas for Natural Frequency and Mode Shape, and Applied Fluid Dynamics Handbook
- Author of Multiple Technical Papers – Published in Journals such as SAME, Journal of Applied Mechanics, Journal of Pressure Vessel Technology, Journal of Fluids Engineering, Journal of Acoustical Society of America, and Journal of Engineering for Power
- Conducted analysis studies of towed systems and directed water channel experiments on cable towed marine systems, dynamic analysis of submerged tanks at Naval Ship Research and Development Center Carderock, Maryland
- Principle Engineer at General Atomics Technologies
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- Directs Research Programs and is Responsible for Failure Analysis for Fortune 500 Companies and the USA Military Currently as a Fellow at United Technologies; Aerostructures

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