

Joseph Anthony Curcio

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Education:

Massachusetts Institute of Technology, Cambridge, MA
Master of Science in Ocean Systems Management, 1995.
Master of Engineering in Ocean Engineering, 1995.

University of Vermont, Burlington, VT
Bachelor of Science in Mechanical Engineering, 1985.

Professional Experience:

Massachusetts Institute of Technology, Ocean Engineering, 2003 - present.
Research Engineer: Project management, design, development and operation of Autonomous Surface Craft.

Joseph A. Curcio & Associates, 1999 - present.
Consultant: Project management, engineering analysis and design on a variety of marine systems.

Massachusetts Institute of Technology, Sea Grant College Program, 1993 – 1999.
Research Engineer: Project management, design and development of Autonomous Underwater Vehicles.

J-Class Management, Newport, Rhode Island, 1991 – 1993.
Engineer: J-Class sloops Endeavour and Shamrock-V servicing and maintaining all shipboard equipment.

Parker-Hannifin Corporation, Nichols Motor Division, Gray, Maine, 1989 – 1991.
Applications Engineer: Hydraulic motors, pumps and operating systems.

Kelsey-Hayes Company, Romulus, Michigan, 1985 – 1988.
Product and Sales Engineer: Automotive brake systems and electro-mechanical sensors.

Consulting Experience:

MIT AUV Lab, MIT Ocean Engineering Department, J-Class Management, S/Y Hyperion, S/Y Volador, K-Project, Bluefin Robotics, Jon Barrett Associates, others.

Additional Experience:

Vermont Instrument Company, Burlington, Vermont: Machinist.
Department of Orthopedics, University of Vermont: Machinist/Engineer.
IBM, Essex Junction, VT: Automated Machine Maintenance Technician.
Department of Engineering, University of Vermont: Teaching Assistant.
Technical Services Program, Burlington, Vermont: Biomedical Technician.
St. Francis Hospital, Hartford, Connecticut: Biomedical Technician.

Affiliations:

American Society of Mechanical Engineers
Society of Naval Architects and Marine Engineers
Marine Technology Society