

Brian Rogers Bio and Resume

Brian Rogers has over 25 years of experience in optical-electrical design and business development. He has a BS in Electrical Engineering from the University of Central Florida. He spent over 10 years in various positions of Research and Development, Engineering and Production Management before founding Sandhouse Design in 2006. Sandhouse Design was a product driven company with several revolutionary products centering on UV LEDs and infrared spectrometers. Brian Rogers grew the company from concept to over \$1 million dollars in total sales in just over 3 years. In May of 2010, Brian completed a successful equity sale of Sandhouse Design to Ocean Optics, Inc of Dunedin, Florida. Subsequently Brian Rogers founded Shadow-Caster LED Lighting which produces LED lighting and control products exclusively for the marine market. Brian has spent extensive time working with other marine manufacturers as the Chairperson of the NMEA2000 Lighting Standard Committee to develop and integrate lighting control messages into the NMEA standards.

Education

Graduate Work towards Masters of Optical Science

2003- 2005 University of Central Florida: College of Optics (CREOL)

Specializing in Optical Design, over 20 hours completed towards Master of Optics

Bachelor of Science Electrical Engineering

Completed December-1999: University of Central Florida: College of Electrical Engineering

Focus in Optics and Mixed Signal Design

Professional Experience

Founding member of Shadow-Caster Underwater Lighting

Aug 2009 to present: Designing and producing LED Light sources for marine applications

Founder of Sandhouse Design

April 2006 – August 2009: Developed products for Spectroscopy and Analytical Applications. Products Include: Infrared Spectrometers, High Power LED light Sources, Multi Channel digital controlled LED Light sources, Fiber Optic process Probes, UV to Mid-infrared applications. Built company to over \$1million in sales and completed successful sale of intellectual property to large International Corporation,

Fiber Optic Division Manager

2003 - April 2007: Ocean Optics, Inc. Dunedin, FL

Responsible for all aspects of managing a multi-million dollar division of a Top 100 Central Florida Company

- Managed Development of new optical and Fiber Optic sensor products
- Managed production of optical fiber and optical fiber based assemblies
- Worked with customers to develop OEM products and solve complex fiber optic based measurement problems
- Traveled extensively to meet with customers in an effort to understand the global Fiber Optic Sensing market and optical sensing market
- Responsible for 200% growth in department revenues within the span of three years

Design Engineer

2000 to 2003: Ocean Optics, Inc. Dunedin, FL

Develop new products, from concept to production.

- Developed infra-red spectroscopy systems for use in the NIR based on both PbSe and InGaAs technologies
- Developed a complete PC104 spectroscopy platform.
- Developed other system products including a Li-Ion battery pack with integrated charger, Portable UV light source and Data Acquisition system.

Research and Development Assistant

1997-2000 Ocean Optics, Inc. Winter Park, FL

Responsible for validation and test of new electronic hardware.

- Development of ultra-stable spectroscopy systems for time resolved Measurements
- Development of various electronic systems including rack mounted spectrometers, and USB based spectrometers
- Responsible for CE certification of new products