

Professional Summary

Graduate of the University of Texas at Dallas, with a background in Mechanical Engineering and Biology. Both theoretical and practical knowledge of plant and animal biology. Experience identifying and caring for a broad range of aquatic and marine creatures. Strong experience in assorted machine work, construction, and fabrication.

Skills

- Familiarity with laboratory procedure and operation
- Strong familiarity with biological identification
- Comfortable with a wide range of flora and fauna
- Capable of communicating results to clients or supervisors
- Very comfortable with computers
- Excels at complex problem solving
- Strongly safety conscious
- Will follow through on instruction
- Capable of self direction
- Quick learner
- Detail oriented
- Strong principles

Experience

Exotic Aquatics

Sept 2015-Current

Service Technician and Store Associate

Plano, TX

Duties were split between sales and livestock management in a retail setting and traveling to corporate and personal aquariums for installations, maintenance, and problem solving. Skills include monitoring water chemistry and animal health, designing plumbing systems, educating consumers, managing interventions, and recording and reporting daily and long-term progress.

UT Dallas Makerspace

Feb 2015-Sept2015

Volunteer Student Tool Master

Dallas, TX

Volunteer position in charge of tool operation for the UTDesign tool shop, working in aluminum, steel, plastics, and wood. Occasional primary on-site responsibility for the shop. Required complex tool use, teaching skills, positive client interactions, and component design to meet client criteria. Required interpreting client needs into real world solutions.

Technofacet LTD

May 2013-Jan 2015

Photographer

Oak Park, IL

Photographed and inventoried gemstones for a custom gem cutting company. Detail oriented work with high value materials requiring fine motor skill and complex set ups.



Town and Country Pediatrics

Jun 2010-Jan2015

Intern and Administrative Support

Chicago, IL

Began as a summer intern, duties expanded to assorted administrative support including handling confidential patient information, asset inventory, IT support, and bookkeeping. Included managing small teams for specific projects.

Education

Bachelors of Science in Interdisciplinary Studies

2015

The University of Texas at Dallas

Richardson, TX

2 years in the mechanical engineering program, followed by a switch to Interdisciplinary Studies to add biology as a concentration. Additional foundations in political theory and natural sciences. Training in laboratory procedure, microbiology, bioethics, computer programming and CAD software.

Graduated with 156 hours in four years. Planned eventual graduate study.

Founding officer in the LDS Student Association.

LDS Sunday School Teacher

Boy Scouts of America, Eagle Scout