

# **Thomas E Mielke**

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Gaithersburg, MD 20879

## **EDUCATION**

### **Montgomery College; Rockville, MD**

*Web Development Certificate*, May 2024, GPA: 4.00

Related Coursework: JavaScript Fundamentals, Advanced Website Development, Digital Tools for Visual Arts, Website Development

### **University of South Carolina; Columbia, SC**

*Bachelor of Science in Marine Science*, May 2017, GPA: 3.23

Related Coursework: General Application Programming, Public Communication, Statistical Methods

## **WORK EXPERIENCE**

### **BIOQUAL, Inc; Rockville, MD**

*Sample Management Specialist*, (June 2024 – Present)

- Receive biological specimens and materials from external sources
- Prepare, package, and ship study specimens and materials to external sources
- Maintain physical, and electronic, records of study specimens and materials
- Assist laboratory, animal, and administrative staff members in locating materials and related documents
- Interact professionally with clients

*Small Animal Technician*, (March 2022 – June 2024)

- Collected and verified facility records and made timely reports to the supervisor
- Read and understood standard operating procedures (SOP's) for animal facilities
- Performed specialized technical procedures and assisted in animal experiments
- Assisted in the processing and shipment of serum/tissue samples

### **Charles River Laboratories; Bethesda, MD – National Institute of Health**

*Aquatic Specialist III*, November 2019 – March 2022

- Lead one of four systems making up second largest Zebrafish research facility in the world
- Practiced good time management while delegating husbandry and maintenance tasks for coworkers
- Provided effective communication with research staff and management
- Completed monthly documentation for all completed system tasks, animal health, and environmental conditions

*Aquatic Specialist II*, July 2018 – November 2019

- Provided husbandry care for Zebrafish, African Clawed Frogs, and Mexican Tetras
- Member of team providing daily general maintenance and feeding of aquatic systems to ensure clean, healthy environment for medical research animals
- Utilized log sheets to keep detailed records regarding tasks performed for animals and their environment
- Aided management in the diagnosis and repair of issues with life support system

### **Petco; Ellicott City, MD**

*Aquatic Specialist*, February 2018 – July 2018

- Provided husbandry care for combined 1,100 gallon freshwater, 220 gallon saltwater systems including daily feeding of fish, water changes, cleaning of glass and sediments, and life support system maintenance
- Kept detailed records on water quality and care provided for quarantined fish

### **Douglas Island Pink and Chum; Juneau, AK – Macaulay and Snettisham Hatcheries**

*Fish Technician*, June 2017 – November 2017

- Participated in egg take (Chum, Sockeye, Chinook, and Coho Salmon) – Fertilized eggs, euthanized fish for egg extraction, stripped roe for human consumption
- Assisted in incubation room preparation and operation

## **SKILLS**

- Computer Skills: JavaScript, HTML, Cascading Style Sheet (CSS), Adobe Suite (Photoshop, InDesign, Illustrator, Premier), Microsoft 365
- American Association for Laboratory Animal Science: ALAT Certification (June 2019)
- Valid driver's license, ability to pass extensive background check, flexible work schedule