

Thomas E Mielke

Portfolio: thomasmielke.dev

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[Gaithersburg, MD](#)

EDUCATION

Montgomery College; Rockville, MD

Web Development Certificate, Present, GPA: 4.00

Related Course Work: 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 Course Work: General Application Programming, Public Communication, Statistical Methods

WORK EXPERIENCE

BIOQUAL, Inc; Rockville, MD

Small Animal Technician, (March 2022 – Present)

- Collects, verifies, and correlates facility records and makes timely reports to the supervisor
- Read and understand standard operating procedures (SOP's) for animal facilities
- Performs specialized technical procedures to maintain operation of an animal facility and assist in animal experiments
- Assist 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
- Valid driver's license, ability to pass extensive background check, flexible work schedule