

## **Ryan A. Moin**

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### **Summary**

- Masters education in Environmental Science and Management.
- Graduate education in Aquaculture and Fisheries.
- Strong qualifications in writing/communications, quantitative reasoning, data analysis.
- Outstanding people skills.

### **Education**

#### **Master of Environmental Science and Management** (June, 2011)

*Bren School of Environmental Science & Management*

*University of California, Santa Barbara*

*Selected Coursework:* Energy, Technology and the Environment; Environmental Biogeochemistry, Industrial Ecology, Sustainable Watershed Quality Management, Statistics, Environmental Risk Management, Environmental Policy Analysis, Environmental Law and Policy, Ecology of Managed Ecosystems, Geographic Information Systems, Landscape Ecology,

#### **Bachelor of Arts in Political Science** (June, 2006)

*University of Washington – Seattle, WA*

### **Professional Development**

#### **23 graduate semester units** (January 2016 – May 2017)

*School Fisheries, Aquaculture, & Aquatic Science, Auburn University, Auburn, AL*

*Selected Coursework:* Water Science, Hatchery Management, Fish Nutrition, Small Impoundment Management, Crustacean and Molluscan Aquaculture.

Water Resource Management, Water Policy (SJSU, 2019)

Geographic Information Systems (SJSU, 2013)

Regulatory Framework for Toxic and Hazardous Materials (UCSC Extension, 2014)

### **Experience**

#### **Water Project Associate** (June 2017 – Present)

*Sustainable Silicon Valley* (Sunnyvale, CA)

- Compose and edit SSV documents intended for public outreach and awareness.
- Compose articles for the Sustainable Silicon Valley blog regarding innovative solutions to water management challenges in the San Francisco Bay Area.

**Store Crew** (September 2020 – October 2021)

*Trader Joe's* (Milpitas, CA)

- Customer service oriented position devoted to providing customers with an enjoyable and productive shopping experience.

**Job Coach** (June 2017 – September 2020)

*Caminar, Inc.* (San Mateo, CA)

- Help clients with developmental disability, to maintain their employment by providing on-the-job training, supervision, and support.
- Serve as an advocate for clients to their supervisors.

**Graduate Research Assistant** (January 2016 – May 2017)

*EW Shell Fisheries Center of Auburn University* (Auburn, AL)

- Water quality analysis of the Center's aquaculture research ponds and tanks.
- Data entry and analysis.
- Maintenance of pond and tank aerators, water pumps, and other equipment.

**Consultant** (September 2014 – December 2015)

*Cal/OSHA Voluntary Protection Program Cal/VPP Star* (Oakland, CA)

- Composed and edited Cal/VPP industrial site evaluation and re-evaluation reports.
- Composed and edited PowerPoint presentation slides to be used in training.

**Environmental Non-Profit Research Analyst and Coordinator** (February 2014 – December 2015)

*Sparo Corporation* ([www.sparo.com](http://www.sparo.com))

- Researched and evaluated environmental non-profits
- Directed outreach towards non-profits found to be compatible with Sparo's brand.
- Implemented social media strategy.
- Conducted data analytics.

**SCA Intern**

*Aquatics Division of Mt. Rainier National Park* (2008)

- Served with the park's lakes crew in conducting alpine lake surveys.
- Collected bathymetric data for use in updating lake maps.
- Collected water samples for laboratory analysis at park HQ.
- Performed analysis of water samples in lab for standard chemical parameters.

***Estimating and Reducing the Carbon Footprint of Food Served by Kaiser***

***Permanente*** (Masters Project, University of California Santa Barbara)

- Conducted Economic Input-Output Life Cycle Assessment (EIO-LCA) to convert Kaiser Permanente's food spending data into greenhouse gas emissions numbers.

**Computer Skills:** Microsoft Office Suite including Excel and Access. ArcGIS, Python.