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**CAREER OBJECTIVE:** Obtain a position in the field of Natural Resource Management that utilizes my education, experience, and background to benefit California's resources while allowing for personal growth and development.

### **SUMMARY OF PERSONAL QUALIFICATIONS**

- Possess a clear understanding of biological principles, habitat assessment, and general sampling methods.
- Able to easily gain new skills, take on new challenges, and apply the tools necessary to work effectively, both independently and in team environments.
- Enthusiastic, determined, and self-motivated.
- Capable of working in physically challenging locations in inclement weather conditions.

### **EDUCATION**

- B.A., Biological Sciences, California State University Sacramento, Sacramento, California, 2006.

### **PROFESSIONAL TRAINING**

- Completion of the Division of Water Rights Executive Program.
- Completed training courses include: Aquatic Bioassessment Workgroup, Backpack Electrofishing: Principles and Practices, Basic California Environmental Quality Act (CEQA) for Waterboards, California Tiger Salamander Workshop, CEQA: a Step by Step Approach, CEQA for Water Rights, Effects of Water Diversion on the Ecology and Geomorphology of Small Streams, Endangered Species Regulation and Protection, Environmental Negotiations, Expert Witness, Habitat Restoration, Instream Flow Incremental Methodology, Introduction to ArcGIS 9.0, Introduction to ArcGIS for the Waterboards, Mitigation Measure Development and Monitoring, Mobile GPS/GIS Training, Salmonid Spawning Habitat Restoration, An Overview of Fluvial Geomorphology, Water Rights Modeling, and CDFG certified training of Microsoft Excel and Microsoft Access.

### **PROFESSIONAL EXPERIENCE**

2009-Present **CDFG, Water Rights Coordinator** *Environmental Scientist*

2007-2009 **SWRCB, Division of Water Rights, Permitting** *Environmental Scientist*

- Maintain high-level contacts of a sensitive nature and responsible for dealing with difficult and sensitive responses to the public and interagency contacts.

- Gained an increased knowledge and understanding of environmental issues, especially in the areas of water rights and the preparation and review of environmental documentation pursuant to CEQA.
  - Demonstrated my ability to understand complex issues and communicate effectively in order to interact with other state, federal, and local agencies and the public.
  - Maintain an organized work environment in order to facilitate the preparation and review of technical data and staff analysis associated with water rights processing and management.
- 2006-2007      **SYRCL Lower-Yuba River Fish Passage Study**      *Fisheries Technician*
- Responsible for monitoring anadromous fish passage utilizing two monitoring systems that precisely document migration at Daguerre Point Dam on the Lower Yuba River.
  - Manage and maintain database and compose quarterly reports.
  - Perform weekly maintenance of Daguerre Point Dam's North and South fish ladders.
- 2005              **CDFG Paiute Cutthroat Trout Restoration Project**      *Scientific Aid*
- Conducted amphibian and reptile surveys on Silver King Creek in the Carson Iceberg Wilderness.
  - Trained on-site in the handling of hazardous materials (Rotenone and Permanganate).
  - Exposure to the environmental and political principles affecting the progress of the restoration project.
- 2005              **CDFG High Mountain Lakes Survey**      *Scientific Aid*
- Efficiently work with others while conducting amphibian, reptile, fish and habitat surveys in the Northern Sierra Nevada Mountains.
  - Understanding of the Sierra Nevada Yellow Legged Frogs life history and its biological indicators including: physical habitat and aquatic vertebrate assemblage.
  - Extensive use of topographic maps and GPS units.
- 2002-2004      **CDFG American River Escapement Survey**      *Scientific Aid*
- Familiar with the distribution and abundance of immigrating salmonids on the Lower American River, Sacramento County.
  - Familiar the methods of mark and recapture as a component to the management of central valley fall-run Chinook salmon.
- 2002-2003      **CDFG Environmental Monitoring and Assessment Program (EMAP)**      *Scientific Aid*
- Gained a comprehensive understanding of the scientific and technical tools used in evaluating stream ecosystems throughout California.
  - Familiar with all aspects of stream health including: water chemistry, physical habitat, benthic macroinvertebrate assemblages, aquatic vertebrate assemblages, periphyton assemblages, and riparian vegetation structure.
- 2003              **CDFG Rotary Screw Traps**      *Scientific Aid*
- 2001-2002      **CDFG Salmon Tissue Archives**      *Scientific Aid*

