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# OBJECTIVE

Biology graduate with proven research, teaching and award-winning communication skills. I have the ability to present technical information with clarity and ease. Seeking a data scientist position to inform decision-making policies.

SUMMARY OF RELEVANT SKILLS

* **Research:** Master’s Thesis in Ecological Niche Modeling (accepted: May 2021); Graduate Student Researcher, Singhal Lab (California State University, Dominguez Hills; CSUDH), 2019-2021.
* **Technical Presentations:** CSUDH Student Research Day (2019), CSU 3-minute thesis Grad Slam (2021), Teaching Assistant (2018-2020)
* **Quantitative Analysis:** R/ R Studio, Data Mining, Data Cleansing (3 years); Python and IntelliJ (1 year), Machine Learning (Maxent, 2 years), Power BI and Tableau (1 year), SQL queries.
* **GIS & Spatial Analysis:** Web-based GIS (ArcGIS online, 2 years), ArcGIS Pro and Desktop (2 years), GDAL (2 years).
* **Computer:** Microsoft Suite, Microsoft Excel Formulas, Keyboard: **75** wpm.
* **Ongoing education:** Google Data Analytics Certificate Program (Coursera); Python (Udemy).
* **Languages:** French (Fluent - written and verbal).

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# EDUCATION

**California State University, Dominguez Hills Master of Science, Biology:** May 2021

**GPA: 4.000**

*Master’s Thesis: Ecological Niche Modeling of 23 Threatened Bats under Current and Future Climate Change*

**University of California, Davis Bachelor of Science, Neurobiology:** August 2006

**GPA: 3.166**

\***Education Abroad:** Université Joseph Fourier, Grenoble, France; Fall 2003-Spring 2004 ***(en français)***

# WORK EXPERIENCE

**Title:** Teaching Assistant **Organization:** CSUDH

**Dates of employment:** September 2018 - December 2020

**Courses taught:** BIO 103: General Biology Lab; BIO 125: Principles in Ecology and Evolution

**Supervisor:** Dr. Fang Wang, [fwang@csudh.edu](mailto:fwang@csudh.edu) **Phone:** (310) 243-3381

* Developed new labs for BIO 103, which were adopted by other instructors.
* Designed and took charge of a virtual student conference for 46 students per semester.
* Independently used Slack and Google Classroom to significantly boost student communication by 25% during virtual labs.

**Title:** Opera Vocalist **Organization:** Independent Contractor

**Dates of employment:** April 2011- September 2018

**Specialties:** Bel Canto, Lieder, Art Song, Musicals, Rock, Pop, Theater

* Santa Monica College Applied Music Program - Classical Voice
* Santa Monica College Chamber Choir
* LA Curbside Entertainment, vocalist
* Upworks for Good/The Bresee Foundation, vocalist
* William Esper Studio - NYC, actor

**Title:** Biological Sciences Teacher **Organization:** STAR Education

**Dates of Employment:** October 2014 - September 2018

**Supervisor:** Claire Lagerwey, [clairel@starinc.org](mailto:clairel@starinc.org) **Phone:** (424) 326-2117

* Led science camps for 100 students daily for 3-to-6-week periods in the summer.
* Saved $100-$500 on equipment by repurposing supplies and reducing plastic.

**Title:** Hospital Laboratory Technician **Organization:** UCLA Health

**Dates of Employment:** August 2008 - March 2011

**Supervisor:** Dr. Scott Nelson, [sdnelson@mednet.ucla.edu](mailto:sdnelson@mednet.ucla.edu) **Phone:** (424) 259-8111

* Analyzed factors contributing to poor specimen turnover and streamlined manual data processing by 25% in under 6 months.
* Independently grossed 10-15 small specimens daily, including gastro-intestinal biopsies.
* Assisted with thyroid fine needle aspirations and bone marrow biopsies 3-4 times per week.

# COMMUNITY & VOLUNTEER

* Dog Foster Parent, Caring Songs Rescue (2021)
* Playhouse Village Earth Day Celebration, vocalist (2021)
* Phi Sigma Biological Sciences Honor Society CSUDH, mentor (2020-2021)
* Opera Lawn Concerts, vocalist (2020)
* Bresee Foundation, High-Five for Hygiene, vocalist (2020)

# AWARDS

* 3-Minute Thesis CSU Grad Slam Competition - Winner; May 2021
* CARES Grant CSUDH, April 2020
* Graduate Equity Fellowship CSUDH, September 2020-May 2021
* UCLA Incentive Award: August 2009, September 2010