

# MURAD JAH

muradjah.com

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## EDUCATION

- ❖ **University of Southern California** ..... Los Angeles, CA  
*M.A., Environmental Studies Masters*
- ❖ **University of Southern California** ..... Los Angeles, CA  
*B.S., Environmental Studies: Oceans, Life, and People Major and Marine Biology Minor*
- ❖ **Graduate GPA** ..... 3.77
- ❖ **Undergraduate GPA** ..... 3.65
- ❖ **Dean's List** ..... Fall 19, Spring 20, Fall 20, Spring 21, Fall 21, Spring 22
- ❖ **Departmental Honor's Degree** ..... USC Environmental Studies

## EMPLOYMENT HISTORY

- ❖ **Research Assistant, Edmands Lab, USC** ..... May 2021 — Present  
Los Angeles
  - Exploration of sex and stage-specific metabolism in marine copepods, *Tigriopus californicus*
  - Analysis of data using R and Microsoft Excel
  - Use of respirometer and multiple protein/ammonia assays
- ❖ **Research Assistant for United Nations Climate Change Conference (COP26), Dr. Shannon Gibson** ..... Oct 2020 — Present  
Los Angeles, California
  - Attended COP 26 and analysed the role of civil society in international climate negotiations
  - Attended five NGO meetings relating to climate issues needing to be discussed at COP 26
  - Conducted outreach with NGO's around the world to assess their climate change platforms.
  - Performed analyses of the increased attention to the United Nations surrounding the topic of climate change
- ❖ **Project Manager and Environmental Consultant, Enerama** ..... Nov 2020 — May 2021  
Los Angeles
  - Project manager for modern greenhouse production and distribution
  - Writing proposals and environmental documents for the company
- ❖ **Intern, Friends of the Ballona Wetlands** ..... Aug 2021 — Dec 2022  
Playa Del Rey, CA
  - Habitat restoration and vegetation monitoring
  - Performed transects and analysed transect data using excel
  - Planted, watered, and cared for native plants
- ❖ **Ambassador and Panelist, Global Learning Collective** ..... Feb 2021 — Sep 2021  
International
  - Field questions in seminars of around 100 participants
  - Help answer questions from other students and organise their activities
- ❖ **Project Leader, Sustainability Institute** ..... Jan 2021 — Feb 2021  
Stellenbosch, South Africa
  - Led a group of six people to put together a proposal document, a website template, a video, and a summary presentation, in order to improve a sustainable crop product's story.

- ❖ **Shark-Human Relations Research, El Porto Shark** ..... Aug 2020 — Dec 2020  
California
  - Filmed and analyzed footage of sharks
  - Challenged current public perception of sharks using data and scientific evidence
  
- ❖ **Shark Week: California shark-human relations, National Geographic - Shark Week** ..... Aug 2020 — Oct 2020  
Trestles Beach, CA
  - Worked with national geographic to form a documentary on shark perception in Southern California
  - Assisted with interviews and documentation
  
- ❖ **Research Intern, Dr. Todd Oakley Research Lab** ..... Jun 2020 — Aug 2020  
University of California Santa Barbara, CA
  - Learned to produce phylogentic trees using transcription factors and through coding in terminal.
  - Analysed the history of secretory transcription factors in bioluminescent ostracods, *Vargula hilgendorffii* using BLAST servers and constructed phylogenetic trees.
  
- ❖ **USC Travel Chair, USC Rugby** ..... Aug 2019 — May 2020  
University of Southern California, Division 1AA. Los Angeles, CA
  - Organised travel and hospitality for multiple USC Rugby tournaments and fixtures.

## LANGUAGES

English ..... *Native speaker*      French ..... *Highly proficient*  
 Turkish ..... *Native speaker*

## SKILLS

R .....	Lab Techniques and Etiquette .....
Data Collection, Entry, and Analysis .....	Field Work Techniques and Etiquette .....
ArcGIS .....	Underwater Photography .....
Terminal .....	Film Photography .....
DNA Extraction Techniques .....	Digital Photography .....
Microscopy .....	Adobe Photoshop .....
Microsoft Office Word, Excel, Powerpoint .....	

## EXTRA-CURRICULAR ACTIVITIES

- ❖ **Rugby** ..... 2005 — Present
  - University of Southern California Rugby, Captain
  - American School in London Rugby, Captain

## PUBLICATIONS AND TALKS

- ❖ **Is metabolic rate sex-specific in *Tigriopus californicus*?** ..... May 2022  
Honourable Mention Winner ..... Southern California Academy of Science
  
- ❖ **Sex-specific mitonuclear epistasis in *Tigriopus californicus*; Co-Author** ..... Jun 2022  
Evolution 2022, Cleveland, Ohio
  
- ❖ **Effects of mitochondrial replacement in *Tigriopus californicus*** ..... Jun 2022  
Evolution 2022, Cleveland, Ohio