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## Education

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**University of California, Irvine** - Irvine, CA June 2022  
BA in Environmental Science and Policy (ENSP)  
BS in Earth System Science (ESS)

- Specializations: Atmospheric Sciences, Oceanography, Hydrology, and Terrestrial Ecosystems
- Minor in Statistics

## Work Experience

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**New Hope Academy of Gymnastics** - Fountain Valley, CA Sept. 2019 - Present  
*Men's Team Manager and Head Coach*

- Instruct teams of 5-15 boys in the fundamentals of gymnastics while inspiring them to strive for their goals
- Manage, train, advise, and mentor coaches to teach gymnastics safely and positively for children of all ages
- Coordinate lesson plans and adapting to the progress of athletes, as well as organizing practice and competition schedules to ensure readiness
- Evaluated and guided over 100 gymnasts, cheerleaders, tumblers, and circus acrobats with skills and techniques

**The Green Initiative Fund** - Irvine, CA Oct. 2019 - June 2021  
*Accounting Commissioner*

- Budgeted quarterly and annual finance sheets
- Allocated funds for all projects and followed project progression to ensure responsible spending (i.e.: UCI Solar Car)
- Balanced past finance sheets that were out of order and updated recurring annual expenses
- Created a master budget sheet and template that includes all past or future project budgets

**Cottie-Petrie-Norris Campaign** - Orange County, CA Sept. 2018 - Nov. 2018  
*Canvasser*

- Interacted and communicated the significance of political activism to residents in multiple districts across all of Orange County
- Educated the public by speaking to over one hundred individuals and families on valuable views of the nominee, leading to her increase in public support and evident victory against the incumbent

**Studio West Gymnastics** - Torrance, CA May 2015 - June 2017  
*Men's Gymnastics Team Co-Head Coach*

- Coached teams of 10 or more boys and girls ages 5-17 on the fundamentals of gymnastics and competition
- Instructed private lessons in cheerleading, tumbling, and stunting to both children and adults of all ages

**Starworks** - Los Angeles, CA May 2005 - May 2011  
*Actor and Model*

- Participated international advertisements portraying brands in a positive light while working with over a thousand media professionals (i.e.: Target & McDonalds)
- Demonstrated poise, fitness, and health in nationally broadcasted fashion displays and commercials

## Research Experience

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**GIS Research under Dr. Crook** - Irvine, CA Sept. 2022 - Present  
*Student Researcher*

- Collecting relevant demographic and environmental data to be investigated in a GIS context for deeper understanding of both issues and steps necessary to reach a solution
- Conducting analysis on soil health, relative humidity, wind, temperature, and sea level changes in Orange County using GIS software
- Investigating the effects of environmental variables on local animal habitats and migration

**Rafter Lab under Dr. Patrick A. Rafter** - Irvine, CA August 2021 - July 2022  
*Student Research Intern*

- Utilized GIS analysis and calculations to estimate various aspects (size, shape, area, quantity, health) of foraminifera fossils
- Extracted then diagnosed various foraminifera fossil species and conducted sample preparation for carbon dating analysis weekly
- Trained high school and other undergraduate interns on the lab protocols and procedures weekly

**Orange County Coastkeeper - Orange County, CA**

March 2021 - June 2021

**Marketing and Research Intern**

- Collaborated in the collection of research, data input and analysis, and community outreach/education programs
- Surveyed the conditions of over 50 Marine Protected Areas across Orange County, Laguna, and San Diego
- Designed advertisements to be added to the website, pamphlets, and email subscriptions
- Poseidon Project Research – data collection for ecosystem adaptation to from high to low salinity environments to be applied to plans for a desalination plant

**Goulden Lab under PhD Student Nikki Fiore - Irvine, CA**

Oct. 2019 - March 2020

**Student Research Intern**

- Assisted in field collection and measurements of soil cores, plant biomass, and plant species identification
- Prepared samples for further analysis in associated lab tasks related to quantification of ecosystem carbon pools instrumental to research goals
- Taught associated lab and field tasks to 3 new undergraduate interns so they could perform properly and independently

**Skills and Certifications**

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Operating Systems: QGIS Remote Sensing, ArcGIS Pro, and ArcMapProgramming Languages: Python Data Analysis, MATLAB, and R StudioLab Experience: General Chemistry Lab; Organic Chemistry Lab, Physics LabLinkedIn Skill Assessment Tests: **Microsoft Word, Powerpoint, and Excel****CPR Certified**

GIS and Geospatial Technology Graduate Certificate from UCLA Extension

March 2023

**Grants/Awards**

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- NASA CA Space Grant (Winter 2020) - awarded \$1,111 for consecutive and consistent participation in undergraduate research.

**Volunteer**

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**Nonprofit Southern CA United Men's Collegiate Gymnastics Association - Fountain Valley, CA**

June 2014 - Present

- Coordinate the setup, break down, and transport of gymnastics equipment for competition
- Facilitate weekend long gymnastics events as a nonprofit organization

**CALPRIG - Irvine, CA**

Jan. 2018 - Jan. 2021

- Volunteered, donated, and advocated for green and sustainable society
- Informed the public on environmental issues (ie: climate change, endangerment of bees, etc.)

**Leadership**

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**Southern California United Gymnastics Team Captain**

August 2020 - June 2022

- Arranged monthly fundraisers and volunteer events where the college team would aid gyms with inadequate staff
- Composed competition and training schedules for all team members weekly
- Motivated team members by checking in weekly and focusing on the next step in improvement

**Learning Assistant**

Sept. 2020 - June 2022

- Courses Tutored: Intro to Earth Science, Natural Catastrophes, Oceanography, and Intro to Climate Change
- Mentored lowerclassmen students to complete discussion worksheets
- Led review sessions for midterms/finals bi-weekly
- Answered questions about course material daily

**Fraternity Executive Council President**

Jan. 2020 - Jan. 2021

- Managed executive council, committees, as well as all Dean of Student and Alumni relations through weekly meetings
- Implemented committee system to increase fraternity involvement and efficiency while minimizing individual duties
- Created quarterly responsibility checklists for all executive and committee chairs
- Delegated associated tasks relating to philanthropic and social events, UC Irvine, and the UCI Interfraternity Council
- Redistributed all responsibilities among the executive council and committee chairs to balance powers and focus more attention to neglected areas

**Fraternity Executive Council Treasurer**

Jan. 2019 - Jan. 2020

- Optimized and reformatted the \$70,000 yearly budget and all finances of 50+ people in the fraternity chapter
- Generated weekly itemized expense reports to better illustrate the categories of spending
- Organized and successfully ran quarterly fundraisers that helped the chapter recover from previous overspending

## References

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