

EDUCATION

Humboldt State University (HSU) | Arcata, CA | Expected Graduation Year: 2019
Bachelor of Arts in Anthropology with a concentration in Archaeology
Minors in Geospatial Analysis and Scientific Diving, 3.81 GPA

PERTINENT COURSEWORK

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| Maritime History and Underwater Archaeology | Introduction to Geographic Information System (GIS) |
| Method and Theory in Archaeology | Intermediate GIS (Spring 2018) |
| Cultural Resource Management | Introduction to Remote Sensing |
| Scientific Diving | Advanced Cartography (Spring 2018) |
| Marine Biology | Cartography |

WORK EXPERIENCE

Research Assistant | August 2015 – Present, 20-40 hours a week

Cultural Resource Facility (CRF), HSU

- Currently serving under the direction and supervision of CRF Director James Roscoe.
- Drafted archaeological investigation reports summarizing the results of archaeological, ethnographic and historical research, and correspondence with representatives from the Native American and other interest group communities.
- Participated in archeological field investigations by surveying for archeological features and artifacts and recording results through field notes, site maps, and photographs.
- Created maps, georeferenced historical aerial photographs and maps, and managed GIS datasets using ArcGIS.
- Conducted supervised excavation and testing of archeological sites.

Research Assistant | August 2017 – Present, 4 hours a week

Archaeology Research Lab, Department of Anthropology, HSU

- Currently serving under the direction and supervision of Dr. Marisol Cortes-Rincon.
- Post processed GIS data collected from previous Belize Archaeology Field School seasons.
- Managed research data in a Digital Database Management System.
- Constructed workflow charts for future field data collecting and post processing.

Archaeological Aid | May – August 2014, 2015, 40 hours a week

USDA Forest Service, Lassen National Forest, CA

- Performed procedural fieldwork assignments to conduct archaeological surveys and record site locations in accordance with federal laws governing the treatment of cultural resources.
- Surveyed areas for surface historical and prehistoric archaeological remains and artifacts.
- Recorded information on archaeological site survey forms and prepared simple reports, sketch maps, and field notes.
- Assisted in site testing and excavation.
- Applied coding information and/or labels to artifacts, slides, photographs, datasets, and narrative information to ensure relationships were cataloged and maintained.

Fish Hatchery Assistant | May – August 2011, 2012, 2013, 40 hours a week

Two x Sea, Susanville CA

- Worked independently performing day-to-day activities associated with trout aquaculture.
- Fed, spawned, loaded fish for transport, painted and conducted general maintenance of the hatchery and equipment.
- Cleared ground cover, dug ditches with a shovel and/or pickaxe, and used a chain saw for the removal of small trees.
- Cemented ponds and constructed raceways.

DIVE EXPERIENCE

Scientific Diver | August – November 2017, 4 hours a week

Reef Check Foundation, Scientific Diving Program, HSU

- Trained under the supervision of Diving Safety Officer Richard Alvarez.
- Performed underwater monitoring surveys of fish, invertebrate and algae.
- Collaborated with peers to effectively lead and plan dives as a team.
- Practiced and maintained safe dive protocols.

Aquaculture Dive Intern | May 2017 – July 2017, 40-50 hours a week

Blutopia Marine Park, Rhodes, Dodecanese, Greece

- Conducted various independent dive tasks related to offshore aquaculture fish farming.
- Weekly surveyed fish nets for holes made by dolphins or farm raised seabream and sea bass.
- Assisted as a boat assistant for daily marine park dive excursions along islets near Rhodes, Greece.
- Managed dive equipment cleaning and storage, filling of tanks, and general facility maintenance.

TRAVEL EXPERIENCE

Solo traveled throughout Germany, Austria, and Greece | January – July 2017

Studied abroad in Rhodes, Greece | February – May 2017

Backpacked and camped in remote wilderness of the United States

ADDITIONAL QUALIFICATIONS

Technological Skills: Digital photography, basic web design, Microsoft Office Suite, ENVI, ESRI Suite, Adobe Suite, Trimble and Garmin GIS data collection/processing.

Outdoor Skills: Terrestrial and underwater navigation using map and compass, outdoor safety and survival, operating 4x4 vehicles and ATV's, camping, basic knots, backpacking, rock-climbing, cave exploring, kayaking, horseback riding.

Personal Skills: Critical thinking and task management; works well independently and with a team; organized, flexible, detail-oriented.

AWARDS

Humboldt State University | Arcata, CA

Superior Academic Achievement (SAA) | Maintained a minimum of 3.5 GPA with at least 12 units. 2014 – 2017

Paideia Study Abroad Scholarship | February 2017 – May 2017

Undergraduate Research Award | received \$500 to conduct geospatial research in NW Belize. Nov. 2017 – May 2018

CERTIFICATIONS

(AAUS) American Academy of Underwater Sciences, Scientific Diver

(NAUI) National Association of Underwater Instructors Open-Water SCUBA, Scientific Diver

(NAUI) National Association of Underwater Instructors Open-Water SCUBA, Rescue Diver (Spring 2018)

(NAUI) National Association of Underwater Instructors Open-Water SCUBA Diver

(ANDI) American Nitrox Divers International Open-Water SCUBA, Advanced

(ANDI) American Nitrox Divers International SafeAir User Level 2

(PADI) Professional Association of Diving Instructors Open-Water SCUBA, Advanced

(PADI) Professional Association of Diving Instructors Specialty Diver (Enriched Air Nitrox, Wreck, Deep)

(DAN) Divers Alert Network Oxygen Provider (Current)

American Red Cross Adult and Pediatric First Aid/CPR/AED (Current)

Boating Education – California State Parks Division of Boating and Waterways (Current)

HSU and Federal Defensive Driver (Current)

PROFESSIONAL AFFILIATIONS

Member, Society of California Archaeology (SCA), 2015 – present

WEB PAGES

<https://jdm850.github.io/cartography/>

<https://mcfarlandtravels.wordpress.com/>

<https://vimeo.com/user69059160>

REFERENCES

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