

PALOMA CARTWRIGHT (she/her)

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EDUCATION

Master of Environmental Data Science (Expected June 2022)

Bren School of Environmental Science & Management – University of California, Santa Barbara (UCSB)

Highlighted Coursework: Analytical Workflows and Scientific Reproducibility; Remote Sensing and Environmental Data; Statistics for Environmental Data Science; Spatial Analysis (all completed by 12/21)

Leadership/Involvement: MEDS 2022 Class Co-Chair, Dean's Advisory Council Representative

Honors/Awards: Bren School Environmental Data Science Fellowship

Bachelor of Arts in Computer Science and Environment (June 2021)

McGill University, Montreal, Quebec, Canada

Honors/Awards: Ministry of Higher Education, Quebec: Excellence Bursary for Computer Science 2021; James McGill Scholarship for Academic Excellence and Outstanding Leadership

Leadership/Involvement: VP Events – Caribbean Student Society (9/20–4/21)

PROFESSIONAL EXPERIENCE

Graduate Student Researcher – Benioff Ocean Initiative, UCSB, Santa Barbara, California (9/21–Present)

- Analyze and visualize 4 types of spatial ocean data, including vessel data and whale data from real-time acoustic monitors, visual sightings, and dynamic habitat models to assist with the Whale Safe project
- Research and write briefings on marine issues to inform Benioff Ocean Initiative projects and partnerships
- Google BigQuery database management using SQL and RStudio to create, update, and run queries

Information Technology Coordinator – Long Island Boat Rentals, Long Island, The Bahamas (6/17–Present)

- Created and launched the first website for the company using HTML, CSS, and JavaScript
- Designed and outlined marketing strategy for social media team and hired 2 team members for the role
- Review and update website monthly, working with the team to update as they see fit

Field Research Intern – Bimini Biological Field Station Foundation, Bimini, The Bahamas (6/19–7/19)

- Collect data for PhD students' projects specifically focusing on lemon sharks' response to marine noise and Great Hammerhead shark migratory feeding patterns; results published in two papers
- Collaborated with 20 colleagues on collecting data for 9 shark and 3 stingray species in Bimini
- Aid in the daily running of the field station, including maintenance and repairs to all tools used in the field

Research Intern – Family Island Sea Turtle Research, Long Island, The Bahamas (6/14–8/19)

- Assisted with turtle tagging and data collection during summers with all 4 turtle species present
- Monitor populations of green turtles infected with fibropapilloma virus and document the advancement of their diseases as well as the spread throughout 3 islands of The Bahamas

ADDITIONAL EXPERIENCE

Head Coach – Mack Knowles Junior Sailing Club, Long Island, The Bahamas (6/18–8/19)

Certified Instructor – Bahamas National Sailing School, New Providence, The Bahamas (6/14–8/18)

Deputy Junior Minister of Tourism – Ministry of Tourism Bahamas, The Bahamas (9/16–6/17)

SKILLS & HONORS

Technical: Python; Java; R; SQL; CSS; HTML; JavaScript; GitHub; Microsoft Office Suite; Google Tools

Certifications: IANTD (Scuba); Certified Sailing Instructor; Web Development with JavaScript Certified

Awards: National Youth Award: Excellence in Sailing; Bahamas Olympic Committee President's Cup Award; Member of The Bahamas National Sailing Team