

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; Meta-Analysis and Systematic Reviews; Team Science, Collaborative Analysis and Project Management; Remote Sensing and Environmental Data; Statistics for Environmental Data Science; Spatial Analysis (all to be completed by 12/21)

Leadership/Involvement: MEDS 2022 Class Co-Chair

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); Volunteer – McGill Model United Nations & Secondary School United Nations Symposiums (09/18 – 01/20)

PROFESSIONAL EXPERIENCE

Whale Safe Intern – Benioff Ocean Initiative, Santa Barbara, California (09/21 – Present)

- Analyze and visualize spatial ocean data, including vessel data and whale data from real-time acoustic monitoring instruments, visual sightings, and dynamic habitat models
- Create public-facing communication and media materials about project updates and accomplishments
- 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 (06/17 – Present)

- Coordinator for all technological aspects of the business
- Maintains the company's website and google business pages as well as social media accounts

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

- Collect data for PhD student's projects, assist with long term study data collection
- 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 (06/14 – 08/19)

- Assisted with turtle tagging and data collection during summers with all turtle species present
- Monitor populations of green turtles infected with fibropapilloma virus

Summer Intern – Bahamas Marine Mammal Research Organization, Abaco, The Bahamas (06/15)

- Summer internship with the BMMRO studying populations of marine mammals surrounding Abaco
- Specific focus was on dolphins, whales, and manatees and accurate documentation of populations in the area

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 – 8/16)

Honors: National Youth Award: Excellence in Sailing, Member of The Bahamas National Sailing Team

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

SKILLS

Technical: Python; Java; R (RStudio); SQL (SQLite); CSS; HTML; JavaScript; Github (+ Github Pages); Microsoft Office Suite; Google Tools

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