

Connor Geis

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SUMMARY

Graduate student with experience in coastal research, GIS, composite construction and repair, customer service, buying and merchandising. Life-long learner who enjoys sharing my passion for marine and environmental science, coastal ecosystems, and surf craft.

- Collaborative team player
- Active listener and communicator
- Critical thinker
- Detail oriented
- Coastal science
- Geospatial modeling
- Teaching and Tutoring
- Customer Service

TECHNICAL PROFICIENCIES

- ArcMap, ArcGIS Pro, ArcGIS Online
- Python and Matlab
- Sensor programming and deployment
- Survey and fieldwork
- Data processing analysis
- Microsoft Office Suite
- Fiberglass and composite work
- Adobe Photoshop and Dreamweaver certified
- PADI Open Water Diver
- Film photography and print-making

PROFESSIONAL EXPERIENCE

UNITED STATES ARMY CORPS OF ENGINEERS FIELD RESEARCH FACILITY Duck, NC *USACE Pathways Intern* *June 2021 – Present*

- Assisting in the development and improvement of a shoreline change mapping initiative called CoastSnap, that utilizes crowd-sourced imagery.
- Also assisting with DUNEX, a collaborative field research and data collection experiment designed to improve our understanding of during-storm coastal processes and storm impacts.
- Responsibilities include, data processing and analysis, sensor programming and deployment, weekly sediment surveys in the surf zone and on the beach, weekly Lidar surveys, facility and sensor maintenance, outreach and local presentations.

UNIVERSITY OF NORTH CAROLINA WILMINGTON Wilmington, NC *Geoscience Masters Student & Teaching Assistant* *August 2019 – Present*

- Intended Graduation date, December 11th 2021
- Lab Instructor for Earth Systems Laboratory and Physical Geography Lab
- TA for Physical Geography Lecture, Introduction to Oceanography, and Earth Revealed.
- Responsibilities include, lecturing and leading multiple lab sections, assisting students with coursework, leading field exercises, assignment creation, and grading.

BEACH CITIES TUTORING Los Angeles, CA *Math Science and English Tutor* *August 2018 – May 2019*

- Provided high quality, one on one tutoring services for Elementary, Middle, High School, and College students
- Offered tutoring services in courses such as, Elementary Math, Pre-algebra, Algebra, Geometry, Trigonometry, Pre-calculus, Calculus, Physics, Chemistry, Biology, Environmental Science, English and History.

THE COMPOUND BOARDSHOP***Buyer & Retail Associate, Fiber Glass Repair*****Sarasota, FL*****August 2014 – June 2018***

- Hired as a Sales Associate and was promoted to the position of Surf/Skateboarding Buyer.
- Assisted customers, ran sales reports, managed inventory, placed orders through manufacturers and distribution companies, took custom orders, and merchandised hard goods.
- Provided design and layout assistance for the skateboarding and surfing section of what is now the current location of The Compound Boardshop.
- Organized and hosted events such as video premiers, competitions, and art shows.

NEW COLLEGE OF FLORIDA / NewGAM LAB***Geospatial Analyst*****Sarasota, FL*****May 2016 - January 2017***

- Hired to manage LiDAR data and construct a Digital Elevation Model of the Lower Maumee River Basin for a joint USGS/New College project titled “Geospatial Modeling for Prioritizing Coastal Wetland Restoration” based in Western Lake Erie.
- Created accurate topographic and bathymetric maps in the study area using a variety of geospatial techniques and combination of datasets.
- Took part in aerial imagery analysis projects and helped develop web map applications.

INSTITUTE OF TROPICAL ECOLOGY***Coral Reef Ecologist*****Bocas Del Toro, Republic of Panama*****June 2016 - July 2016***

- Designed a study to test for factors responsible for coral species distribution and possible interactions between coral reefs and adjacent mangrove forests.
- Created transect lines and recorded abiotic environmental variables and coral colony data.
- Found a statistically significant association between the distance from the mangrove shoreline and coral species counts.
- Presented findings to a panel of Professors and undergraduate/graduate students at ITEC.

NEW COLLEGE OF FLORIDA***Teaching Assistant*****Sarasota, FL*****January 2014 – May 2014***

- Hosted weekly TA sessions and pre-test review sessions.
- Graded assignments and wrote comprehensive feedback on weekly problem sets as well as both exams.
- Served as a Research Paper Advisor to individual students.
- Hosted a class session and gave a talk on Sea Level Rise in Florida.

OTHER EXPERIENCE**SURFBOARDS BY CONNOR GEIS*****Owner*****Sarasota, FL*****August 2015 – August 2019***

- Custom Surf Board Design, Construction and Repair.

EDEN FARMS HYDROPONIC GARDENING***Individual Study Project*****Bradenton, FL*****December 2012 – January 2013***

- Hydroponic system construction, care and maintenance.

PREVIOUS EDUCATION**NEW COLLEGE OF FLORIDA*****Bachelor of Arts in Environmental Science*****Sarasota, FL*****2017***

- Graduated with an emphasis in the Natural Sciences, Environmental Science, and Ecology.

