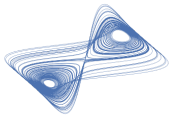

Nick Cortale

Wilmington, NC
nickcortale@gmail.com
nickcortale.com
github.com/nickc1

Profile	Data Scientist with experience in data analysis, machine learning, and data pipelining. Enjoy the whole process from scraping data to deploying models to production.
Languages	Python (scikit-learn, pandas, airflow, sqlalchemy, flask, keras), SQL, Matlab, R
Platforms	AWS (Redshift, EC2, S3, RDS, Aurora), Tableau, BigQuery
Other	Docker, Git, Sphinx, HTML, CSS, Javascript, Latex

Exp.

Data Scientist 2017 - Pres
Live Oak Bank
- Defined six month data collection project and built a simple model which enabled efficient pricing resulting in millions in savings.
- Built a data pipeline utilizing airflow, EC2, S3, and Redshift to scrape and clean data from APIs, web pages, and Salesforce.
- Deployed a flask website to source new leads and quantify risk. Models segmented the large amount of possibilities and recommended new leads.

Research Technician 2013 - 2015
University of North Carolina Wilmington
- Published python package based on k near neighbors to identify determinism.
- Used Tensorflow to classify and segment benthic coral images.
- Lead monthly seminars teaching faculty python

Research and Teaching Assistant 2012 - 2013
University of North Carolina Wilmington
- Developed a raspberry pi remote camera system which cut costs by over 400%.
- Instructed physics labs and created a set of videos to supplement the lectures.

Data Analyst 2011-2012
National Estuarine Research Reserve
- Compiled data and analyzed trends in a Matlab environment
- Worked with site managers to ensure national compliance

Pub.

Cortale, N. and McNamara, D., 2017. skedm: Empirical Dynamic Modeling. The Journal of Open Source Software, 2017.

Grimes, D. J., ***Cortale, N.***, Baker, K., & McNamara, D. E. (2015). Nonlinear forecasting of intertidal shoreface evolution. Chaos: An Interdisciplinary Journal of Nonlinear Science, 25(10), 103116.

Edu.

University of North Carolina Wilmington
M.S. Marine Science - Physical Oceanography 2015
B.S. Environmental Science, B.A. Physics, Minor in Mathematics 2012