Cari Gostic

Data Scientist (MS)

Skills

Python • R • Git • Data Visualization • SQL • Machine Learning • Statistics •
UI Prototyping (Sketch, InVision) • Science Communication • MongoDB

Experience

Analyst, Business Consulting Team
Risk Management Solutions, *Hoboken, NJ*

Sep. 2017-
Aug. 2019

- Delivered ad-hoc risk analysis projects for insurance, reinsurance, and broker clients using RMS models and software, data analysis techniques in Excel and SQL, and custom APIs.
- Conducted interviews to formulate solutions best-suited to client needs and technical architecture.
- Took leading role in QA testing of newly developed ODBC/JDBC connection using Python, R, SQL and various Microsoft Office tools.

Teaching Assistant, EAS Department
Cornell University, *Ithaca, NY*

Jan. 2017-
May 2017

- Assisted students enrolled in Computer Programming and Meteorology Software, a Python-based programming class with research application, in completion of coding assignments during labs and weekly office hours.
- Created assignments, examples, and quiz questions.
- Led several classes.

Intern, Research Experiences for Undergraduates
Washington State University, *Pullman, WA*

May 2016-
Aug. 2016

- Worked with Tom Jobson, PhD in the National Science Foundation sponsored REU program to model concentrations of harmful indoor air pollutants in a local household using Microsoft Excel.
- Communicated my findings in an oral presentation, a poster, and a scientific paper.

Intern, Student Undergraduate Laboratory Internship
Brookhaven National Laboratory, *Upton, NY*

May 2015-
Aug. 2015

- Worked with Mike Jensen, PhD in the Climate Science Department to discover the influence of pre-sunrise environmental conditions on afternoon storm development in the Amazon Rainforest
- Compiled and analyzed large, multidimensional, meteorological datasets using Python.
- Presented my results in an oral, written, and poster presentation.

Education

Master of Data Science
University of British Columbia, *Vancouver, BC*

Jul. 2020
(anticipated)

Bachelor of Science, Atmospheric Science
Cornell University, *Ithaca, NY*

Jan. 2017

Minors: Climate Change, Horticulture
GPA: 4.05
Honors: Dean's List, Ho Nun De Kah Honor Society

Contact Information:

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Github
https://github.com/cgostic

Relevant Coursework:

- Data Wrangling
- Data Visualization (I/II)
- Supervised Learning (I/II)
- Unsupervised Learning (I/II)
- Model and Feature Selection
- Probability for DS
- Regression (I/II)
- Statistical Inference and Computation (I/II)
- Databases and Data Retrieval
- Computing Platforms for DS
- Algorithms and Data Structures
- Communication and Argumentation

Addtional Experience:

Hostess/Busser
Grand Teton Lodge Company
Moran, WY
May 2017 – Sep. 2017

Intramural Sports Supervisor / Referee
Cornell University Rec. Services
Ithaca, NY
Aug. 2013 – Jan. 2017

Volunteer
Ithaca Sciencenter
Ithaca, NY
Jan. 2017 – May 2017

Volunteer
SPCA of Tompkins County
Ithaca, NY
Aug. 2016 – May 2017

Captain
Cornell Women's Club Ultimate
Ithaca, NY
Aug. 2015 – May 2016