Cari Gostic

Vancouver, BC

Phone: +1 (236) 979-8363 (Canadian), +1 (631) 466-4849 (WhatsApp/FaceTime Audio)
Email: cari.gostic@gmail.com
Web: www.linkedin.com/in/cari-gostic, https://github.com/cgostic, https://cgostic.github.io/me/

RELEVANT SKILLS

Python, R, Git, SQL, Machine Learning (Scikit Learn, NLTK, Genism, Keras), Data Visualization, Writing, Public Speaking

EDUCATION

Master of Data Science
(anticipated) Jun. 2020

The University of British Columbia, *Vancouver, BC*

Relevant Coursework: Supervised Learning (Scikit Learn, Keras), Unsupervised Learning, Advanced Machine Learning (NLTK, Genism), Regression, Bayesian Inference, Experimentation and Causal Inference, Web and Cloud Computing, Argumentation and Communication, Privacy and Ethics

Bachelor of Science, Atmospheric Science
Jan. 2017

Cornell University, *Ithaca, NY*

Honors: *summa cum laude* (GPA 4.05)

PROJECTS

Amenity and Service Gaps in At-Risk-Communities **(ongoing through June 2020)**

- A contextual analysis of amenity and service gaps through the evaluation of transportation accessibility in at-risk communities.
- Master of Data Science capstone project in partnership with UrbanLogiq.

WHO Report Data Extractor (**Github link)**

- Used NLP techniques to extract case data for avian flu strains from monthly, plain-text reports. Script written in Python with heavy reliance on regex.
- Created a Docker container to facilitate ease of use by researchers.

The Effect of COVID-19 on Air Quality in the Bay Area **(Github link)**

- Analyzed the change in air quality resulting from San Francisco's shelter in place ordinance.
- Includes a Dash app coded in Python for ongoing air quality monitoring (updated daily).

EXPERIENCE

Risk Management Solutions, *Hoboken, NJ*
Aug. 2017 - Aug-2019

Analyst, Consulting Team

- Distilled interviews into business and technical requirements to formulate solutions best-suited to client needs and technical architecture.
- Analyzed exposure and modeled loss using RMS software using SQL, Excel, and Python.
- Created a UI prototype with continuous client feedback for a custom app that is currently used in production.

Lab for Atmospheric Research, *Washington State University, WA*
May 2016 - Aug. 2016

Research Experiences for Undergraduates (REU) Student Researcher

- Modeled concentrations of harmful indoor air pollutants in a local household.
- Communicated findings in an oral presentation, a poster, and a written report.

Brookhaven National Lab, *Upton, NY*
May 2015 – Aug. 2015

Student Undergraduate Laboratory Internship (SULI) Student Researcher

- Compiled and analyzed large, multidimensional, meteorological datasets using Python.
- Discovered the influence of pre-sunrise conditions on afternoon storm development in the Amazon Rainforest.
- Findings included in a presentation presented by mentor at the 2016 AMS and AGU conferences.