Jonathan Waring

(706) 612-8594 | jwaring8@gmail.com
https://jwaring8.github.io | www.linkedin.com/in/jwaring8

Education

Harvard University   *Expected Dec. 2019*
Master of Science in Health Data Science   Cumulative GPA: 3.75
- Study statistical and computational techniques to manage and analyze health science data
- Recipient of the Harvard Chan Central Grant for academic excellence from the biostatistics department

University of Georgia   *May 2018*
Bachelor of Science in Computer Science, Minor in Public Health   Cumulative GPA: 4.0
- Graduated Summa Cum Laude and as a First Honor Graduate
- Member of the Phi Beta Kappa Honor Society and the Honors Program at UGA

Academic Experience

HarvardX   **Cambridge, MA**
Graduate Teaching Assistant (TA)   *Nov. 2018 – present*
- Assist with the instruction of Dr. JP Onnela's Using Python for Research (PH 526x) on the edX platform
- Answer student's questions regarding conceptual lecture material and programming assignments
- Troubleshoot issues with the online learning platform

Athens Science Observer   **Athens, GA**
Writer and Editor   *May 2016 – May 2018*
- Wrote and edited pieces on a variety of topics to promote the understanding and appreciation of science

University of Georgia's Department of Computer Science   **Athens, GA**
Undergraduate Teaching Assistant (TA)   *Jan. 2018 – Apr. 2018*
- Assisted Dr. Michael Cotterell with the instruction of Software Development (CSCI 1302) at the University of Georgia
- Provided feedback and performed grading of students' tests, homework, and programming assignments
- Answered student's questions regarding classroom lecture material and programming projects

Data Dawgs   **Athens, GA**
Founding Member and Workshop Leader   *Sept. 2017- Apr. 2018*
- Assisted in the organization of a new club at UGA that is interested in data science, informatics, and machine learning
- Led machine learning workshops, data science research paper discussions, and data science team projects
- Created and managed the organization's website using GitHub pages at datadawgs.github.io

UGA Center for Undergraduate Research Opportunities   **Athens, GA**
Undergraduate Researcher   *Jan. 2017 – Apr. 2017*
- Utilized NLP techniques and semi-supervised machine learning to identify misinformation regarding vaccines online
- Presented findings at the UGA 2017 CURO Symposium

National Science Foundation REU Program   **Athens, GA**
Undergraduate Researcher   *May 2016 – Jul. 2016*
- Analyzed statistical biases associated with the parameterization of mathematical models of infectious disease spread
- Presented findings at the UGA REU Symposium and the NIMBioS 8th Annual Undergraduate Research Conference

Professional Experience

Environmental Protection Agency (EPA)   **Seattle, WA**
Data Analytics and Visualization VSFS Intern (Remote)   *Sept. 2017 – Apr. 2018*
- Worked with cross-functional team based in Seattle to analyze pollutant data from water monitors in NW Washington
- Performed data comparisons between the ZAPS water sensor data and the EPA laboratory grab sample data
- Performed correlation analyses between rainfall data and water pollutant/peak load data

Amgen   **Thousand Oaks, CA**
Clinical Systems Analyst Intern   *Jun. 2017 – Aug. 2017*
- Worked with cross-functional teams to implement new medical coding system into clinical trial databases
- Coordinated the planning and monitoring of project deliverables and timelines for implementation
- Assisted with the drafting of requirements documentation and specifications

Additional Information

Skills: Python, R, SQL, Java, C++/C, JavaScript, HTML5/CSS3, Machine Learning (Scikit-Learn, caret), Deep Learning (TensorFlow), Data Wrangling (Tidyverse, Pandas), Data Visualization (ggplot2, Matplotlib), Natural Language Processing (TF-IDF, Word Embeddings), Network Graph Analysis (NetworkX), Statistical Inference, Unix, Git/GitHub, Science Communication
Certifications: Undergraduate certificate in Applied Data Science, Coursera certificates in Neural Networks & Deep Learning.