

Jonathan Waring

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Education

Harvard University

Master of Science in Health Data Science

Expected Dec. 2019

Cumulative GPA: N/A

- Study statistical computing techniques to solve problems in public health at the nation's #1 biostatistics department
- Recipient of the Harvard Chan Central Grant for academic excellence from the biostatistics department

University of Georgia

Bachelor of Science in Computer Science, Minor in Public Health

May 2018

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 and Professional Work Experience

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 CSCI 1302 (Software Development) 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

Environmental Protection Agency (EPA)

Seattle, WA

Data Analytics and Visualization 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

UGA Center for Undergraduate Research Opportunities

Athens, GA

Undergraduate Researcher

Jan. 2017 – Apr. 2017

- Worked under the direction of Dr. Shannon Quinn, Department of Computer Science and Cellular Biology
- Created a machine learning algorithm that identifies misinformation regarding vaccination online
- Presented findings at the 2017 CURO Symposium

National Science Foundation REU Program

Athens, GA

Undergraduate Researcher

May 2016 – Jul. 2016

- Worked under the direction of Dr. Pejman Rohani, Odum School of Ecology
- Analyzed statistical biases associated with the parameterization of mathematical models of infectious disease
- Presented findings at the UGA REU Symposium and the NIMBioS 8th Annual Undergraduate Research Conference

Campus and Community Engagement

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

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

University Housing

Athens, GA

Resident Assistant (RA)

Aug. 2015 – May 2017

- Promoted community development, assisted in crisis management situations, and enforced university policies.
- Received an award for going above and beyond in assisting fellow staff members for the 2015-2016 school year

Additional Information

Skills: Python, R, SQL, Java, C++/C, HTML/CSS, JavaScript, TensorFlow, UNIX, GitHub/Git, Machine/Deep Learning, Data Analysis/Visualization, Research, Science Communication, Microsoft Word, Excel, and PowerPoint, and Project Management.

Certifications: Undergraduate certificate in Applied Data Science, Coursera certificates in Neural Networks & Deep Learning.