

BRYAN BUMGARDNER

DATA SCIENTIST AND JOURNALIST

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EXPERIENCE

METIS DATA SCIENCE BOOTCAMP

Data Scientist, Jan - Apr 2016

An intense, accredited 12-week data science training program.

- Implementing statistical and programming methods for advanced data analysis
- Creating data science projects using machine learning, SQL databases, D3.js and scikitlearn
- Using advanced visualization software to map and chart data, both for users and statistical analyses
- Establishing best practices for programming and research

VOX MAGAZINE

Digital Managing Editor, Deputy Editor, 2014 - 2016

Vox Magazine is the national award-winning alternative city weekly magazine of Columbia, Missouri.

- Managed a staff of 75 to produce in-depth feature stories each week
- Focused on producing content for various platforms, including print, digital and social
- Represented the Vox brand at conferences and presentations
- Introduced data-driven decision making and infographics into the digital workflow
- Created data visualizations for publication and for traffic analytics reports
- Overhauled digital publishing strategies to maximize traffic and engagement with users

CBS INTERACTIVE

IRTS Fellow, May - Aug 2015

An exclusive editorial placement at CBSnews.com and CBSN.

- Wrote, edited and published more than 50 stories for CBSnews.com, focusing on tech, entertainment, cybersecurity and science
- Used analytics to steer publishing decisions
- Experienced the bootstrapped workflow of a multi-platform top media company

GISTORY, LLC

Business Development Specialist, Sept 2014 - May 2015

Gistory is a global, crowdsourced digital news startup.

- Developed business models and revenue strategy goals
- Integrated brand strategy into revenue methods
- Established Gistory's legal business status
- Formulated strategies for monetizing content

SKILLS

DATA SCIENCE

Advanced data cleaning, statistical modeling, machine learning algorithms, natural language processing, Python, SQL, HTML / CSS

DATA VISUALIZATION

Adobe Creative Suite, D3.js, CartoDB, HighCharts JS, Tableau, matplotlib

JOURNALISM

Storytelling, social media, brand engagement, digital-first publishing strategies, blogging

COMMUNICATION

Public speaking, conference presentations, client relations, networking and recruiting

EDUCATION

WEST VIRGINIA UNIVERSITY

Morgantown, West Virginia

Bachelors of Science in Journalism, French minor

Reed College of Media

3.5 GPA

Named Outstanding Senior, 2014

UNIVERSITY OF MISSOURI

Columbia, Missouri

Masters of Data Journalism

College of Journalism

3.5 GPA

Thesis in progress,

"Identifying Visual Lies in Information Graphics"

REGIONAL ECONOMIC

DEVELOPMENT INSTITUTE

Columbia, Missouri

Certification in Technology and Information

Entrepreneurship, 2015