Jake Gluck

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Portfolio: jagluck.github.io - GitHub: github.com/jagluck

Curious and ambitious programmer and journalist seeking freelance data journalism work. Lover of data. Interested in building interactive experiences and telling stories from large datasets.

EDUCATION

Bachelor of Science, Computer Science - University of Maryland, College Park   *May 2019, GPA 3.32*
- Relevant Coursework: Data Science, Machine Learning, Computer Vision, Database Design, Handheld Systems

TECHNOLOGIES

Languages
- Python – Advanced
- JavaScript – Advanced
- SQL - Proficient
- R - Proficient
- Java – Proficient
- HTML/CSS - Proficient

Skills/Areas of Interest
- Data Analytics (Pandas, R)
- Web Development (React, Redux)
- Web Analytics (Google Analytics, BigQuery)
- Data Visualization (D3.js, Mapbox)
- Web Scraping (BeautifulSoup, Selenium)
- Machine Learning
- Twitter/Slack Bots
- Natural Language Processing (NLTK)
- Cloud Computing (AWS)
- Illustrator/Photoshop

WORK EXPERIENCE

Data Analyst – **National Public Radio, Digital Media** – Washington, DC   *Jun 2019 – Present*
- Plan, build and analyze experiments on npr.org and mobile applications to understand users and optimize user experiences
- Work as a part of development teams on a large-scale website and mobile applications

Data Journalist - **Capital News Service, Data Lab** - College Park, MD   *Aug 2017 – May 2019*
- Worked on several investigative data projects, articles published by The Baltimore Sun and WTOP
- Built newsgathering Twitter and Slack bots, web scrapers to gather datasets, pulled information from public APIs and conducted interviews for stories
- Created interactive charts using D3/C3 JavaScript libraries and map graphics using Carto, Leaflet, and QGIS

Data Analytics Intern – **National Public Radio, Digital Media** – Washington, DC   *Jun - Aug 2018*
- Built an ecosystem of databases and automated web pages to help NPR make informed decisions about their products and stories. Utilized JavaScript graphics, SQL Queries, and Python scripts
- Interpreted and gathered meaning from large datasets such as users' interactions with apps and notifications, app reviews and consumer emails. Used industry machine learning, linguistical, and data science methods

Software Engineering Intern - **Engineering Solutions Inc.** - Hanover, MD   *Jun - Aug 2017*
- Built a voice, infrared and Bluetooth activated office knowledge management system using custom Alexa devices loaded on Raspberry pies

Software Engineering Intern - **Leidos** - Columbia, MD   *Jun - Aug 2016*
- Worked in the Advanced Analytics Internal Research and Development department creating a job matching web application

LEADERSHIP AND ACTIVITIES

Resident Assistant - **Department of Resident Life** - College Park, MD   *Aug 2016 – May 2018*

DJ, App Manager, and Columnist - **WMUC** - College Park, MD   *Jan 2017 – May 2019*
- Develop Android Mobile Application for the radio station to play and switch between multiple channels, show schedule, favorite shows and receive show notifications

Member - **The Bureau** - College Park, MD   *Aug 2016 - May 2019*
- Write and perform sketch, stand up and improv comedy