

Jake Gluck

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

Curious and ambitious University of Maryland Computer Science student seeking an engaging position in Data Journalism. Lover of data. Interested in working with and telling stories from large datasets.

EDUCATION

Bachelor of Science, Computer Science - University of Maryland, College Park *Anticipated May 2019, GPA 3.32*

- Relevant Coursework: Data Science, Machine Learning, Computer Vision, Database Design, Handheld Systems

SKILLS

Languages

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

Technologies

- D3.js/C3.js
- Leaflet.js/Mapbox/Mapbox GL JS
- Pandas/NumPy
- Natural Language Toolkit
- Scikit Learn
- BeautifulSoup/Selenium
- AWS /Google Cloud
- Firebase
- Amazon Alexa Development
- Agile Development
- Git
- WordPress
- Android Studio

WORK EXPERIENCE

Data Journalist - **Capital News Service, Data Lab** - College Park, MD *Aug 2017 - Present*

- 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, linguistic, and data science methods
- Condensed conclusions to convey information company-wide

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
- Developed an intricate project infrastructure using Amazon Web services Lambda, Dynamo DB, SQS, SNS, and Alexa skills to communicate between devices and receive customizable greetings

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. Contributed on the full range of development including a NoSQL database, communications, and a customizable front-end of web application utilizing JavaScript with JQuery and Bootstrap

LEADERSHIP AND ACTIVITIES

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

- Distributed resources, supervised, planned, organized, advertised, and ran events for over 40 residents

DJ, App Manager, and Columnist - **WMUC** - College Park, MD *Jan 2017 - Present*

- 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 - Present*

- Write and perform sketch, stand up, and improv comedy