

# Jake Gluck

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Portfolio: [jagluck.github.io](http://jagluck.github.io) - GitHub: [github.com/jagluck](https://github.com/jagluck)

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

## WORK EXPERIENCE

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*Data Analyst (Product) – National Public Radio, Digital Media* – Washington, DC *Jun 2019 – Present*

- Plan, build and analyze experiments on [npr.org](http://npr.org) to understand users and optimize user experiences leading to significant increases in metrics such as retention, audio play rates, subscriptions and donations
- Work as a part of development teams on a large-scale website and mobile applications
- Reporting data-driven Story Lab project and built slack bot for Investigative team

*Data Journalist - Capital News Service, Data Lab* - College Park, MD *Aug 2017 – May 2019*

- Collaborated on several [investigative data projects](#) winning awards from the National Press Foundation and Investigative Reporter & Editors
- Built [automated reporting tools](#) such as Twitter bots, Slack bots, and web scrapers, 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 (Product) – National Public Radio, Digital Media* – Washington, DC *Jun - Aug 2018*

- Built an ecosystem of databases and automated web pages to help NPR make informed product decisions
- Interpreted and gathered meaning from large datasets such as users' interactions with apps and notifications

*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 on a job matching web app in the Advanced Analytics Internal Research and Development department

## EDUCATION

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

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

## TECHNOLOGIES

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### Languages

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|-------------------------|------------------|-------------------------|
| ● Python – Advanced     | ● SQL - Advanced | ● PHP – Proficient      |
| ● JavaScript – Advanced | ● R - Proficient | ● HTML/CSS - Proficient |

### Skills/Areas of Interest

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

## INTERESTS

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- Developing Twitter bots, like [First Show In DC Bot](#) (tweets when musical artist is playing first ever concert in DC)
- WMUC Radio DJ, developed mobile app for listeners to play audio, “favorite” shows and receive notifications
- Trained comedian in sketch, stand-up, and improv with The Bureau comedy group