

# Jake Gluck

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[jagluck.github.io](https://jagluck.github.io) - [github.com/jagluck](https://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, Database Design, Handheld Systems, Algorithms

## SKILLS

*Languages* - Python, PHP, R, Java, C, HTML, CSS, JavaScript, Ruby, OCaml, Prolog, Assembly

*Technologies*

- Pandas
- D3/C3
- Carto
- Leaflet
- Natural Language Toolkit
- Scikit Learn
- Google Cloud/AWS
- Agile Development
- Git
- SQL
- Android Studio
- JQuery
- Beautiful Soup/Selenium
- Amazon Alexa Development

## WORK EXPERIENCE

*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
- Condensed conclusions to convey information company-wide

*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 bots, web scrapers to gather datasets, pulled information from public APIs, and conducted interviews for stories.
- Created charts using D3/C3 and Highcharts JavaScript libraries and map graphics using Carto, Leaflet, and QGIS

*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
- Worked with a team of other RAs to manage administrative tasks and ensure a safe and educational environment

*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
- Run a weekly improv comedy radio show, produce interviews and articles for the station's digital publication

*Member - The Bureau* - College Park, MD *Aug 2016 - Present*

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