**Jake Gluck**

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Curious and ambitious University of Maryland Computer Science student seeking an engaging internship 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 3.3*

* Relevant Coursework: Data Science, Database Design, Handheld Systems, Object-Oriented Programming II, Calculus 3, Introduction to Computer Systems, Algorithms, Organization of Programming Languages

*High School Diploma with Highest Honors -* Urbana High School, MD *May 2015*

* Relevant Coursework: AP Computer Science, AP Calculus AB, Web Design 2, Graphic Design

**SKILLS**

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

*Technologies*

* BeautifulSoup
* Pandas
* D3/C3
* Highcharts,
* Carto
* Leaflet
* Amazon Web Services
* Agile Development
* Git
* SQL
* Android Studio
* JQuery
* JSON
* Adobe Photoshop and Illustrator

**WORK EXPERIENCE**

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

* Worked on several investigative data projects, articles published by The Baltimore Sun and WTOP
* Gathered and manipulated data sets with Python using Beautiful Soup and Pandas, PHP, and R
* 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 *June - August 2017*

* Built an automated office 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 *June - August 2016*

* Worked in the Advanced Analytics Internal Research and Development department creating a web application that utilized a matching algorithm to find best results from a database based on user preferences
* Applied a NoSQL database to the web application, designed all data structures used, and created communications
* Developed a customizable front-end of web application utilizing JavaScript with JQuery and Bootstrap

*Server and Cook -* **Cryin’ Johnnies Restaurant** - Mt. Airy, MD *December 2013 - January 2016*

* Worked as a Kitchen Manager communicating and collaborating with team of servers, cooks, and managers to ensure guest satisfaction and successfully operate restaurant

*Summer Intern -* **National Aquarium** - Baltimore, MD *March 2014 - August 2014*

* Initiated individual conversations with guests of all ages, served as expert on exhibits and answered questions

**LEADERSHIP AND ACTIVITIES**

*Resident Assistant* - **Department of Resident Life** - College Park, MD *August 2016 - Present*

* Distribute resources, supervise, plan, organize, advertise, and run events for over 40 residents
* Work 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
* Use soundboard and equipment to run a weekly improv comedy radio show
* Produce interviews and articles for the stations digital publication

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

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