**Jake Gluck**

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Curious and ambitious University of Maryland Computer Science student seeking an engaging internship. Interested in software development, web design, and data analytics. Aiming to become a full stack engineer.

**EDUCATION**

*Bachelor of Science, Computer Science -* University of Maryland, College Park *Anticipated May 2019, GPA 3.18*

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

*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* – Java, C, HTML, CSS, JavaScript, Ruby, OCaml, PHP, Prolog, Assembly

*Technologie*s – Bootstrap, JQuery, Amazon Web Services, git, SQL, Raspberry Pi, Android Studio, WebSockets, REST, Elastic Search, UNIX, Apache Maven, cURL, Jetty, JSON, Adobe Photoshop and Illustrator

**WORK EXPERIENCE**

*Software Engineering Intern* – **Engineering Solutions Inc.** - Hanover, MD *June - August 2017*

* Created 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
* Gained experience working in an agile software development environment

*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 users preferences
* Applied a NoSQL database to the web application, designed all data structures used, and created communications
* Developed front-end of web application utilizing JavaScript with JQuery and Bootstrap
* Gained experience working in an agile software development environment

*Recruitment Intern* - **Phillip Merrill College of Journalism,** –College Park, MD *Jan - May 2016*

* Created digital graphics and gathered information to assist in recruiting potential students

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

* Communicated and collaborated with team of servers, cooks, and managers to ensure guest satisfaction and successfully operate restaurant
* After consistent impressive performance in first year was promoted from dishwasher to kitchen manager
* Coordinated successful execution of 15+ order tickets simultaneously and maintained $500 cash drawer

*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
* Presented learning sessions to groups of 20 or more on specific topics such as evolution, feeding practices, animal care, and various habitats including the ocean, the rainforest and Australia
* Illustrated to guests climate change and the relationship between humans and the Earth

**Activities**

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

* Distribute resources and supervise over 40 residents
* Work with a team of other RAs to run building
* Plan, organize, advertise, and run events for residents

DJ, App Team Member, and Columnist – **WMUC** – College Park, MD Jan 2017 – Present

* Develop Android Mobile Application for the radio station
* 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

*Resident Assistant Advisor* - **Residence Hall Association** *–* College Park, MD *August 2015 – May 2016*

* Organize and run events and programs to create a more involved community
* Act as liaison between fellow residents and the Hall Council, participate in RHA campus wide programs

**INTERESTS AND ACTIVITIES**

*Ultimate Frisbee, Improv/Stand Up comedy, Longboarding, Reverse Engineering Mobile Applications*

*Baseball Statistics*

* Follow Sabermetric blogs and trends
* Created Java program to predict most likely MLB players to get a hit in a given day (using ESPN statistics)
* Participated in 2016 Baltimore Orioles Baseball Analytics Hackathon