**Ronald Luis Lagos**

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**Objective**

Seeking Software engineering position to further develop problem solving skills, increase knowledge and capabilities in AWS and Cloud Computing.

**Education**

**Bachelor of Science – Computer Science Major GPA: 3.3**

Minor in Technology Entrepreneurship  **GPA: 3.14**

University of Maryland, College Park, MD

**Skills**

* Python (boto3, NumPy, Pandas, Beautiful Soup, Selenium, PDF parsing library, Word parsing library, Excel construction library)
* JavaScript (React)
* Data / Data Analysis (SQL, Postgres, Amazon RDS, AWS Dynamo, AWS Comprehend, Octave, R / R Studio)
* Other languages: C/C++, Java

**Experience**

**Hydrus.ai Inc June 2020 – Present**

***Full-Stack Software Engineer Intern***

* Designed and built tool to automate ESG research for investor presentations and reports.
* Built AWS Lambda functions to parsed Twitter feeds using Beautiful Soup, perform sentiment analysis using Amazon Comprehend, combine results with data from Yahoo Finance, stored output in Amazon DynamoDB.

**Dan’s Tree Service July 2020 - Present**

* Converted a MS Word based customer record and billing process into a searchable datastore along with billing forms that automated and increased accuracy of monthly customer billing, saving the company $25,000 per year.
* Designed and automated a program to rearrange 3,000+ customer contacts from word document into an excel sheet.
* Retained by Williamsburg VA tree service company with $1.5 million annual revenue to streamline administrative processes

**Sandy Spring Fire Department March 2016- January 2019**

***Emergency Medical Technician***

* Spent a total of 20,000+ hours doing emergency calls, where I check a patient’s status and inquire about their current health in order to determine diagnosis.
* Trained 45 new EMTs and taught them to work as a team during emergency calls.

**Projects**

**NASA Flare -** Scraped data from a public NASA database **Summer 2020**

* Used two different datasets for space weather and checked if they would coincide to find credibility
* Web-scraped datasets from NASA and a Space Weather website to make find similar data, then plot it to find correlations.