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.