Richard Lin

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Github: https://github.com/rlin964080

Summary of Value: I am a Software Engineer at The College Board. I have experience in backend Node.js development, python ETL, Serverless Framework, and AWS Cloud Formation Templates.

Professional/Research Experience:

The College Board - Cloud Engineer II Jan 2022 - Present
- Developed AWS Lambda functions to interact with DynamoDB
- Updated AWS Cloud Formation Scripts

Data Society - Software Engineer July 2020 - Present
- Developed AWS Lambda functions to ingest from REST API Services and load data as csv files on S3 Buckets
- Developed AWS Glue Python Shell Scripts to transform S3 files as part of an ELT pipeline
- Developed and deployed AWS Fargate Containers used for Machine Learning Algorithms with HuggingFace API
- Developed Python scripts for ETL process with AWS S3, EC2 and neo4j
- Worked on Backend Development with the GRAND Stack (GraphQL, React, Apollo, Neo4j Database)

FusionSpan - Software Developer Intern February 2020 - May 2020
- Integrated Salesforce contact information with HubSpot and SQL Server using Tibco Scribe ETL Data Integration Tool
- Worked with Slack API and Tibco Flogo

eJournalPress - Summer Programming Intern May 2019 - August 2019
- Developed new features and code for EJPress product using Perl, SQL, Vanilla JavaScript, HTML, XML and CSS
- Researched and Resolved Ticket Bugs and Enhancement Requests

Leidos - Software Engineer Intern September 2018 - March 2019
- Created PL/SQL triggers for various CRUD operations

University of Maryland - Research Fellow May 2017 - May 2018
- Created a Vuforia Mobile Application with UI features using C# and Unity
- Developed and deployed a PHP script on an AWS EC2 server

Education:
- University of Maryland 2016-2020; **Bachelor of Science - Computer Science**

Personal Projects:
- nationalize-reader (https://github.com/rlin964080/nationalize-reader)
    - A React application that displays the top three possible countries of origin for a name. This is done by using Nationalize.io Public REST API.

Skills: Node.js, React.js, python, jupyterNotebook, java, OCaml, AWS CloudFormation, Serverless Framework V3, AWS Lambda, AWS CloudWatch, Git

Certification: Neo4j Certified Developer