**Steven Li**

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| **WORK EXPERIENCE** | |
| **Amazon (Software Development Engineer) June 2022 – Dec 2022**   * Presented and retrieved Workforce Intelligence metrics from backend with visualizations for thousands of Amazon sites worldwide to determine hiring for over one million Tier 1 Staff * Developed and maintained Frontend UI which serves over a thousand unique users monthly * Facilitated and expanded the development of a Slack Bot that will send notifications from backend to users in order to lower the amount of time needed to execute hiring decisions * Managed over ten CI/CD pipelines with multiple environments to support team’s application * Worked with REST API endpoints to update and retrieve data from multiple databases * Monitored, tracked and logged user activity to support infrastructure and health checks * Deployed AWS infrastructure that restricted access to specific users/teams on website   **Bank of America (Software Engineer) (no longer remote) April 2022 – June 2022**   * Expedited efficiency of collateral tech application’s runtime by two minutes on every startup * Innovated application UI to support thousands of incoming/outgoing collateral trades monthly | |
| **Sema4 (Software/Cloud Engineer) October 2020 – Mar 2022** | |
| * Created Python scripts to web scrape, input and compare data inside MySQL database using Selenium and automatically deployed with AWS Lambda saving over 750 hours a year * Implemented scripts to scan all company AWS accounts and terminate inactive resources saving over 1 million dollars a year * Constructed application infrastructures for company teams using CDK and CloudFormation reducing over 2000 hours of work a year * Developed Docker containers in Amazon ECR to run with Batch and Lambda in order to automatically import and analyze data in the backend * Built automatic deployment of applications that uses RESTful API using AWS CodeBuild, CodePipeline and Blue/Green deployment to redirect traffic to new releases * Programmed text/data mining application to retrieve, split, encode, and store over 10 million objects into MongoDB to be used for full text search | |
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| **PROJECTS** | |
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| **Discord Bot** | |
| * Utilized input string commands to manipulate different functions such as reminders, timers and role assignment to grant different privileges within the server * Called Discord API to fetch client user information and server information for over ten people daily * Hosted on an Amazon EC2 instance for continuous service around the clock | |
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| **EDUCATION** | |
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| **University at Buffalo, The State University of New York August 2015 – May 2019** | |
| * Bachelor of Science, Major: Computer Science * Relevant Coursework: Data Structures, Algorithm Analysis, Theory of Computation, Statistics, Software Engineering, Operating Systems, Machine Learning, Artificial Intelligence | |
| **SKILLS AND TOOLS** | |
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| * Programming Languages: Java | JavaScript | Python | Node | React | TypeScript | HTML/CSS | C++ * Data Management & Tools: SQL | NoSQL | MySQL | MongoDB | PostgreSQL | Git | AWS [Lambda, S3, EC2, Batch, ECS, ECR, SM, Cloudwatch, EventBridge, CodePipeline, SNS, SQS, CloudFormation, DynamoDB] | Docker | Command Line | Linux | CI/CD | Firebase | |