**Steven Li**

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| **WORK EXPERIENCE** |
| **Procore Technologies (Software Engineer II) March 2023 – Present**   * Spearheaded the development of a backend microservice that automated project data copying, reducing manual labor by an estimated 10,000 hours annually * Designed and developed robust APIs supporting multiple tools in the Project Creation process, enabling seamless integration and usage by internal teams and customers globally * Implemented real-time dashboards and alert systems in New Relic that monitored errors in the project creation flow leading to an increase in resolution time and downtime reduction * Worked on the redesign of the project creation flow to an asynchronous model, cutting average wait times by 10% and improved system throughput by reducing load on the Sidekiq queue   **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 1 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 10+ 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 |
| **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 * Integrated SQS and Kafka for concurrent requests and logging in distributed system design * Implemented scripts to scan all company AWS accounts and terminate inactive resources saving over $1 million+ a year * Architected application infrastructures using CDK and CloudFormation, reducing manual setup by 2,000 hours annually. * 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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| **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 | 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 | New Relic | Bugsnag | LaunchDarkly | Sumologic |