**STEVEN LI**

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| **WORK EXPERIENCE** | |
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| **Sema4 October 2020 - Present** |  |
| * Created Python script to web scrape, input and compare data inside MySQL database using Selenium and automatically deployed AWS Lambda saving over 750 hours a year * Worked on 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 * Developed text/data mining application to retrieve, split, encode, and store over 10 million objects into MongoDB to be used for full text search |  |
| **Mt. Sinai, Department of Medicine Jun 2018 – Aug 2018** |  |
| * Created a Java application that calculates the probability of developing kidney disease in 177 subjects imported from database using JDBC * Developed MySQL DB to hold probability data and implemented into web app * Built a website that has a user login interface to allow patients to view their test data |  |
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| **PROJECTS** | |
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| **Discord Bot** |  |
| * Utilizes input string commands to manipulate different functions such as reminders, timers and role assignment to grant different privileges within the server * Calls 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 | |
| **Fitness App** |  |
| * Created sample meal plans depending on fitness goal based off of user profile and TDEE * Used Firebase to store user profiles, login information, and nutritional information from SUNY Buffalo campus dining areas | |
| **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: Python | Java | Javascript | Node.js | React Native | HTML | CSS | C++ | C * Data Management & Assembly Code: SQL | NoSQL | MySQL | MongoDB | Firebase | Verilog | MIPS * Tools: GitHub | AWS [Lambda, S3, EC2, Batch, ECS, ECR, SM, Cloudwatch, EventBridge, CodePipeline, SNS, SQS, CloudFormation] | Docker | Command Line | Microsoft Office | MultiSim * Languages: English, Chinese | |