**STEVEN LI**

Email Address: [sxli@buffalo.edu](mailto:sxli@buffalo.edu)

Contact No: 646-321-8182

GitHub: <https://github.com/Stevenn-Li>

Website: Stevenn-Li.github.io

|  |  |
| --- | --- |
| **WORK EXPERIENCE** | |
|  | |
| **Sema4 October 2020 - Present** |  |
| * Created Python script to web scrape, input and compare data inside MySQL database using Selenium and automatically deploys using CRON Scheduling/AWS EventBridge/SQS on AWS Lambda * Developed containers with Docker and Amazon ECR to run with Batch and Lambda in order to automatically import and analyze data in the backend * Built automatic deployment of applications using AWS CodeBuild, CodePipeline and Blue/Green deployment to redirect traffic to new releases * Developed application to retrieve, split and encode millions of objects from S3 Bucket to BLOB in 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 * Imported and exported information between MySQL and Microsoft Excel * Built a website that has a user login interface to allow patients to view their test data |  |
|  |  |
| **PROJECTS** | |
|  | |
| **Discord Bot** |  |
| * Utilizes input string commands to manipulate different functions such as reminders, timers and Discord role assignment which gives different privileges within the server * Calls Discord API to fetch client user information and server information | |
| **Fitness App** |  |
| * Worked with a team to create a personal lifestyle assistant app * App creates sample meal plans depending on fitness goal based off of user profile and TDEE * Uses Firebase [NoSQL database] to store user profiles, and login information, and nutritional information from SUNY Buffalo campus dining areas by inserting through a JSON Object | |
| **EDUCATION** | |
|  | |
| **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** | |
|  | |
| * Programming Languages: Python | Java | Javascript | Node.js | React Native | HTML | CSS | C++ | C * Data Management & Assembly Code: SQL | NoSQL | MySQL | MongoDB | Firebase * Tools: GitHub | ZenHub | AWS [Lambda, S3, EC2, Batch, ECS, ECR, SM, Cloudwatch, EventBridge, SNS, CodePipeline, SQS] | Microsoft Office | MultiSim * Languages: English, Chinese | |