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**Work Experience**:

Sema4, October 2020 - Now

*Developer Intern*

* Created Python script to automate browser testing using Selenium that is hosted on AWS Lambda
* Developed application to retrieve, split and encode millions of objects from S3 Bucket to BLOB
* Utilized MongoDB and GridFS to store such objects to be used for searching

Efortles Inc, July 2019 – Oct 2019

*Developer Intern*

* Created, edited, and implemented website pages for over 100 users
* Greatly increased signing speed by utilizing DocuSign API and embedded signing ceremony
* Improved UI by improving on padding, color design, and adding responsive web design

Mt. Sinai, Department of Medicine, June 2018 – August 2018

*Intern*

* Created a Java application that calculates the probability of developing kidney disease in 177 subjects imported from database using JDBC
* Developed a database in MySQL to hold probability data
* Imported and exported information between MySQL and Microsoft Excel
* Implemented database into a web application
* 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 and Discord role assignment which gives different privileges within the server
* Calls Discord API to fetch client user information such as avatar pictures
* Uses the cloud application platform, Heroku and node.js worker dyno to host application

Fitness App

* Worked with a team to develop an app that acts as a personal lifestyle assistant
* 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
* Used ZenHub for scrum board goals and GitHub for version control

**Education**:

University at Buffalo, The State University of New York

Bachelor of Science, Major: Computer Science, Graduated May 2019

Relevant Coursework: Data Structures, Algorithm Analysis, Theory of Computation, Statistics, Software Engineering, Operating Systems, Machine Learning, Artificial Intelligence

**Skills and Tools**

* Programming Languages: Java | Python | Javascript | Node.js React Native | HTML | CSS | C++ | C
* Data Management & Assembly Code: SQL| NoSQL | MySQL | MongoDB | Firebase | MIPS | Verilog
* Tools: GitHub | BitBucket | ZenHub | AWS Lambda | AWS S3 | AWS EC2 | Selenium | Spring | Microsoft Office | MultiSim Program | Circuit Board building with Boolean Algebra
* Languages : English, Chinese