

# SUFYAN CHAUDHRY

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## SUMMARY

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I am Sufyan Chaudhry, a new Computer Science Graduate and an aspiring Software Engineer. I have worked on a variety of projects in both individual and group settings. Most notably my Bite Finder project, a web application which introduced me to numerous different technologies and gave me a window into the career path I chose. I have been working with programming languages for the last three years and look forward to gaining more experience.

## EDUCATION

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<b>Bachelor of Science in Computer Science</b> Lewis University, Romeoville, IL	May 2024
<b>Python Language Proficiency Certification</b> College of DuPage, Glen Ellyn, IL	August 2022
<b>Certificate in Java Language</b> College of DuPage, Glen Ellyn, IL	May 2023
<b>AWS Certified Cloud Practitioner</b> Amazon Web Services (AWS)	February 2024

## SKILLS

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### LANGUAGES:

Python | Java | SQL  
JavaScript | HTML  
CSS | Linux | C++

### APPLICATIONS:

Microsoft Office (Access, Word, Excel)  
AWS | GitHub | Visual Studio Code  
Google Maps Platform

## PROJECTS

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### Bite Finder (Personal Project)

- Used **Python** along with Google APIs (**Google Maps API**, **Google Places API**), **HTML**, **CSS**, and **JavaScript** and the **Flask** framework to tie it all together to engineer a web application that takes the user's location and allows them to pick from a few different food cuisines. Once they click submit their data is processed and they are presented with a list of restaurants near the location entered as well as a map that shows where the restaurants are in terms of their location. The user can click on the restaurant's name to see where it is on the map or directly click on the markers on the map to see which restaurant it is.

### Get2Helping (Group)

- We created a Capstone project to fill a hole in our communities. We felt that there are so many who want to do good and make better choices but they do not know where to start. To address this issue we collaborated and developed a web application that allows the user to select three different categories: volunteering, animal shelters, and recycling centers. From there using their location we find facilities of that type near to them. We show them how to get there as well as provide information such as website and phone number if they want more information. We used **Flask**, **Python**, **HTML**, **CSS**, and **JavaScript**.

### **Weighted Graph (Class Project)**

- There are about 6 separate files for this **Java** program. A general Graph file, an Unweighted Graph file, a WeightedGraph file, an Edge file, a WeightedEdge file, and a demo file which is the one that actually displays information and serves as the main file. The demo file uses **JavaFX** to display the WeightedGraphs as GUIs. There are three different graphs you can select. Once selected the GUI shows the graph, the number of edges, it allows you to enter two points and get the shortest path between them. It then shows the minimum spanning tree and the total weight of the graph.

### **WORK EXPERIENCE**

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**Air Care Heating and Cooling Company, Chicago, IL**

May 2019 – May 2024

Assistant Manager

- Addressing unpaid invoices and collaborating with clients to devise a payment plan
- Learning hands-on skills to assist in the installation and removal of units
- Collaborating with others in roles of management to improve employee salaries and benefits
- Digitalizing invoices and establishing a presence online improving productivity and efficiency
- Mediated between employees to balance work schedules and inter-compatibility to determine work partners