

# CHRISTOPHER SOSTRE

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## EDUCATION

### **Hunter College**

Bachelor of Arts in Computer Science  
Deans list (2 semesters)

NY, NY  
December 2022

## SKILLS

**Programming:** Python, SQL, R, HTML5, CSS, JavaScript, C++, Java

**Technologies:** Excel, MySQL, Windows, MacOS, Vscode

## PROJECT EXPERIENCE

### **Population Manager**

Feb 2025

- Constructed a program using Python and SQL which allows the user to see the population (that they could choose) of multiple cities. The user can also add a new city, search for an existing city in the database, update an existing city, or delete an existing city.

### **Employee manager**

Jan 2025

- Designed a program using C++ allowing the user to enter the employee's information to be put in a CSV. The information includes their name, ID number, department, position, and salary.

### **Review Score Predictor (accessible upon request)**

Oct 2024

- Developed a Python-based program utilizing scikit-learn to predict review scores from user-written content in this case video games. The project leverages the Steam API to collect user reviews and applies natural language processing techniques to generate predictions based on textual sentiment. Accompanied the project with a detailed paper explaining the system architecture, data pipeline, and the underlying machine learning methodology.

### **Webpage Generator**

Aug 2023

- Developed a program using Python that generates a web page with the HTML format structure with a name and description inputted from the user.

### **Restaurant Finder**

July 2023

- Created a program using Python that asks the user to input if they are vegetarian, vegan, or gluten-free then shows the restaurants that match the specifications given.

### **Expenses Pie Chart**

June 2023

- Implemented a program using the Python library Numpy which creates a pie chart from the given information that the user entered in a text file which includes info like their spending habits, investments, etc.

## EXPERIENCE

### **Elmsford Food Pantry**

Stocker

Westchester, New York

Sept 2015 – Jun 2017

- Collaborated with a team of seven to analyze an inventory at a small shop.
- Checked the expiration date of the merchandise and exported that data to the appropriate department for further analysis.
- Attained goods that have been approved by the manager to be distributed to citizens.

### **Jennie Clarkson Garden**

Gardener

Westchester, New York

Sept 2015 – Jun 2017

- Planted vegetables and harvested the goods for further investigation.
- Guided a team of five to diagnose and transfer plants to their designated locations.

### **Andrus Nursing Home**

Physical Therapist Transportation

Westchester, New York

Jun 2016 – Aug 2016

- Transported residents to and from assigned treatments and facilities in both wheelchairs and walkers.

## ASSOCIATIONS & INTERESTS

**The National Society of Leadership and Success**, June 2019 – December 2022

**Interests:** Video games, Programming, Data Analysis, Data Science