Carter **Womack**

✉ clwomack2000@gmail.com | ▯ (661) 330-6855 | ♀ Bakersfield, CA | ⚭ https://ceedubyuh.github.io/

Education

California State University, Bakersfield *Bakersfield, CA*
BS in Computer Science - Information Systems *August 2018 – December 2022*

Work Experience

Amazon *Bakersfield, CA*
Associate - Picker *April 2021 – June 2021*
- Successfully collected and dispatched accurate items to the shipping department
- Demonstrated versatility by assisting various departments, including but not limited to: the shipping docks and downstacking

Kindred Hospice *Bakersfield, CA*
Volunteer *2018 – 2019*
- Assisted in preparing mailers
- Organized supply closets
- Conducted check-up calls to outpatients

Skills

Programming Languages: Python, C++, Java, JavaScript, HTML, CSS
Tools: VS Code, Linux, Git, MySQL, VIM, IntelliJ IDEA

Projects

K Nearest Neighbors Handwritten Digit Recognizer *Python, NumPy, GitHub*
This program is an implementation of the K-Nearest Neighbors (KNN) algorithm for classification. The code reads handwritten digit images from training and test datasets, performs classification using the KNN algorithm, and calculates the accuracy of the classification. *https://github.com/ceedubyuh/Datamining-Algorithms*

Progressive Web Application *Javascript, HTML, CSS, GitHub, Firebase, Firestore*
Lead developer in a two man group to create a progressive web application. Integrated a Firestore database to load data to the webpage and utilized service workers for online and offline functionality. *https://bionet-pwa.web.app/*

Desktop Assistant – In Progress *Python, VS Code, GitHub, Tkinter, BeautifulSoup4*
Developed a versatile desktop application using Python's tkinter library to create a user-friendly personal assistant tool that integrates multiple functionalities for enhanced user productivity and convenience. Key features include: Google search integration for quick information retrieval. System control buttons for easy computer management. Real-time clock display for time tracking. Quick app launch buttons. Notes feature with auto-saving for capturing ideas. *https://github.com/ceedubyuh/Desktop-Assistant*

Iris Dataset Classifier with Entropy *Python, NumPy, SKLearn*
Utilizes a Decision Tree Classifier and an Entropy algorithm to predict values using the public Iris dataset. Implemented a decision tree algorithm, including building the tree, splitting the dataset, calculating information gain, and entropy using object oriented programming. *https://github.com/ceedubyuh/Datamining-Algorithms/blob/main/irisentropy.py*