

# Carter Womack

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## Education

### California State University, Bakersfield

BS IN COMPUTER SCIENCE - INFORMATION SYSTEMS

GPA: 3.11

Bakersfield, CA

August 2018 – December 2022

## Work Experience and Relevant Coursework

### Amazon

ASSOCIATE - PICKER

- 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

Bakersfield, CA

April 2021 – June 2021

### Kindred Hospice

VOLUNTEER

- Assisted in preparing mailers
- Organized supply closets
- Conducted check-up calls to outpatients

Bakersfield, CA

2018 – 2019

### Relevant Coursework

- Discrete Structures
- Assembly Language
- Web Programming I/II
- Database Systems
- Artificial Intelligence
- Operating Systems
- Computer Networks
- Digital Forensics
- Datamining and Visualization

## Skills

**Programming Languages:** Python, C++, Java, Javascript, C, Bash, HTML, CSS, PHP, Bash

**Tools:** VS Code, Linux, Git, MySQL, VIM

## 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/ceedubuyuh/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

PERSONAL PROJECT TO EXPAND PROFICIENCY IN PYTHON PACKAGES SUCH AS TKINTER, PYSTRAY AND BEAUTIFULSOUP. DEVELOPED TO LEARN HOW GUIs COME TOGETHER AND HOW TO MANIPULATE DIFFERENT FUNCTIONS ON A WINDOWS SYSTEM. UTILIZES BEAUTIFUL SOUP TO SCRAPE GOOGLE AND RETURN/OPEN THE FIRST SEARCH RESULT FOR THE USER.

<https://github.com/ceedubuyuh/Desktop-Assistant>