Carter **Womack**

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Education

California State University, Bakersfield *Bakersfield, CA*
BS IN COMPUTER SCIENCE - INFORMATION SYSTEMS *August 2018 – December 2022*

Work Experience

Mashburn Transportation Services *Bakersfield, CA*
IT SUPPORT TECHNICIAN / DATA ANALYST *September 2023 – Present*
- Provided tier 1-4 IT support on various machines and printers
- Wrote data analytic programs utilizing Python and its libraries to streamline day-to-day workflows for multiple coworkers
- Installed and troubleshooted various proprietary and vendor software
- Built and managed the company computers and other various devices such as iPhones and iPads

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

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 *https://github.com/ceedubyuh/Datamining-*
USING THE KNN ALGORITHM, AND CALCULATES THE ACCURACY OF THE CLASSIFICATION. *Algorithms*

Progressive Web Application *Javascript, HTML, CSS, GitHub, Firebase,*
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 *https://bionet-pwa.web.app/*
FUNCTIONALITY.

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. *https://github.com/ceedubyuh/Desktop-*
SYSTEM CONTROL BUTTONS FOR EASY COMPUTER MANAGEMENT. REAL-TIME CLOCK DISPLAY FOR TIME TRACKING. *Assistant*
QUICK APP LAUNCH BUTTONS. NOTES FEATURE WITH AUTO-SAVING FOR CAPTURING IDEAS.

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, *https://github.com/ceedubyuh/Datamining*
CALCULATING INFORMATION GAIN, AND ENTROPY USING OBJECT ORIENTED PROGRAMMING. *- Algorithms/blob/main/irisentropy.py*