

SACHIN KARKI

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EDUCATION

University of Mississippi Medical Center, Jackson, Mississippi Master of Science, Data Science and Biostatistics, GPA: 3.66	August 2025 (Expected)
Texas Woman's University, Denton, Texas Bachelor of Science, Informatics, GPA: 3.76, Honors: <i>magna cum laude</i> Minor in Data Science	December 2021
Dallas College Brookhaven Campus, Farmers Branch, Texas Associate in Liberal Arts and Sciences, GPA: 3.49	May 2019

EMPLOYMENT & EXPERIENCES

Amazon.com Services, Colorado Springs, Colorado February 2023 – August 2023

IT Operation Associate (OpsTech) | Full Time

- Facilitated the allocation and maintenance of IT inventory, equipment throughout the Fulfillment Center.
- Resolved and managed tickets from SNOW (ServiceNow) system by fixing sitewide technical and computational issues.
- Assisted operation team, technicians and engineers in provisioning, diagnosing and trouble-shooting hardware and software like thin clients, PCs, scanners, radio, portable handheld terminals, TC devices, laser and zebra printers
- Executed procurement and audit of assets in the IT department.
- Organized the storage of provisioned equipment as well as RMA and repair process of all devices under warranty.

DataReady DFW, Dallas, Texas

Social Media Analyst | Intern

May 2020 – September 2020

- Designed infographics, dashboards, visuals, and imageries using tools like Tableau, Canva etc. to create data content.
- Carried out data entry, organized those data, wrote data logs for marketing and advertising team.
- Assisted in the company's social growth with digital marketing, content analysis and creation for online platforms.
- Addressed the weekly content need from marketing inputs, panel meetings, feedbacks and progress reports.

Amazon Logistics, Inc., Coppell, Texas

ICQA Associate Analyst | Full Time

October 2019 – January 2020

- Performed manual and routine checks of inventory to increase quality assurance by 50% using proprietary DBMS.
- Analyzed, processed and controlled inbound and outbound shipments, in-depth search of items to ensure 0% error rate.
- Aided with other associates in problem-solving, counting, amnesty, damage-land and loss prevention.
- Instructed and cross-trained old and new hire(s) about the system and their technical roles and responsibilities.

SKILLS

- **Languages:** Python, SQL (MySQL), Java, Perl, STATA, SAS, HTML/CSS
- **Data Visualization:** Tableau, MS Excel, MS Visio, p5.Js (Processing Java)
- **Software:** MS Office, PyCharm, Jupyter Notebook, Visual Studio Code, Terminal, Git, SNOW, Eclipse IDE
- **Operating Systems:** Windows, macOS, Raspberry Pi OS (Raspbian), Linux (Ubuntu), WSL

ACADEMIC PROJECTS

[Predicting Accuracy Rate of Cancer with Adaptive Boosting | Python \(Jupyter Notebook\)](#) Fall 2021

Machine learning model/algorithm based on Adaptive Boosting (*AdaBoostClassifier*) on a Scikit-learn dataset (Breast cancer Wisconsin) that predicts the accuracy rate of cancer to identify whether its malignant or benign.

[Academic Information Database | Java \(Eclipse IDE\)](#) Spring 2021

Console-based record keeping and retrieving program created using sorted array-based structure that uses operation like insert, view, modify and delete for student's academic credentials like Name, ID, Major and GPA.

[Nutrition Tracking Database | SQL \(MySQL Workbench\)](#) Fall 2020

An archive of health and exercise data that records calories gained and lost to measure body mass index.

[Animals Sound Board | Processing Java \(p5.Js\)](#) Spring 2020

Interactive sound simulator capable of mimicking 9 different sound of animals on either click or hover.

AWARDS & ACHIEVEMENTS

- **TWU Transfer Scholarship Recipient** Spring 2020 – Spring 2022
- **Urban Fellows Program Scholarship Recipient** Summer 2020
- **TWU Deans' and Chancellor's List Candidate** Spring 2020 – Fall 2021
- **Texas Public Education Grant (TPEG) Recipient** Fall 2021