SACHIN KARKI
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EDUCATION

Texas Woman's University, Denton, Texas   December 2021
Bachelor of Science, Informatics, GPA: 3.76
Minor in Data Science
Honors: *magna cum laude*

Dallas College Brookhaven Campus, Farmers Branch, Texas   May 2019
Associate in Liberal Arts and Sciences, GPA: 3.49

SKILLS

- **Languages:** SQL (MySQL), Python, Java, R, Perl, SAS Programming, HTML/CSS
- **Data Visualization:** Tableau, MS Excel, MS Visio, p5.Js (Processing Java)
- **Software:** R Studio, Eclipse IDE, Jupyter Notebook, Visual Studio Code, Terminal, Git, MS Office
- **Operating Systems:** Windows, macOS, Raspberry Pi OS (Raspbian), Linux (Ubuntu), WSL
- **Interpersonal Skills:** Problem-Solving, Decision-Making, Critical-Thinking, Team Work, and Collaboration

EMPLOYMENT & EXPERIENCES

DataReady DFW   Dallas, Texas
Social Media Analyst | Intern   May 2020 – September 2020
- Assisted in the company's social growth with digital marketing, content analysis and creation for online platforms.
- Designed infographics, dashboards, visuals, and imageries using tools like Tableau, Canva etc. to create content.
- Addressed the weekly content need from team meetings, brainstorming sessions, 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 tech.
- Processed and controlled inbound and outbound shipments, in-depth search of items to ensure 0% error rate.
- Instructed and trained new hire(s) about the system, process, and their technical roles and responsibilities.

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.

RELATED COURSEWORK

- Object-Oriented Programming ● Algorithms & Data Structures ● Information Retrieval ● DBMS
- Interface Designing ● Applied Computational Thinking ● Project Management ● Machine Learning

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