SAJAN TAMANG

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EXPERIENCE

Data Specialist   Jan 2021 – Aug 2022
Cloudfactory   *Kathmandu, Nepal*
- Maintained 99% data accuracy across multiple projects under tight deadlines.
- Led onboarding and virtual training for new team members via Zoom.
- Enforced data security and confidentiality protocols across all data-handling tasks.

ACM @ UTA — Research Team Member   Fall 2025 – Present
- Conducting research on TikTok's recommendation algorithm and content distribution fairness.
- Developing an automated Python bot to collect and analyze feed data for engagement and bias patterns.
- Implementing controlled interaction scripts and ethical data-handling pipelines.

EDUCATION

University of Texas at Arlington (UTA)   Expected 2027
Bachelor of Science in Computer Science

McLennan Community Colleg   2023 – 2025
Associate of Science, Computer Science

PROJECTS

FixiePixie – Civic-Reporting Web App (HackUTA 2025)
- Developed a civic-reporting app enabling users to upload photos of city issues with automatic GPS tagging.
- Created REST APIs for image upload and reverse geocoding; deployed via Cloudflare Tunnel.
- Presented prototype at HackUTA 2025. GitHub: github.com/cilantro011/FixiePixie

CIL Linktree – Personal Portfolio Website
- Designed a responsive personal portfolio site with Spotify 'Now Playing' integration using Spotipy and Flask.
- Implemented OAuth2 authentication and deployed it on Render.
- Used Git & GitHub for version control and CI-ready structure.
- https://cil-spotify-status.onrender.com

TECHNICAL SKILLS

Languages: Python, C++, C, JavaScript, HTML, CSS
Frameworks & Tools: React, Node.js, Flask, TensorFlow, Git, AWS
Databases & APIs: MySQL, REST APIs, Geocoding API, Spotify API
Libraries: pandas, NumPy, Matplotlib
Other: Data Processing, Excel, Data Security, Onboarding & Training