ANIRUDHA UGILE

+1(608)-217-1545 | ugile@wisc.edu | linkedin.com/in/ugile | ugile.org

EDUCATION

University of Wisconsin-Madison | Madison, WI — Expected Graduation: May 2028

B.S. Data Science, Information Science

- **Relevant Coursework**: Object-Oriented Programming, Statistics, Data Analysis, Data Visualization, Data Wrangling & Cleaning, HTML, CSS, SQL, Data Structures and Algorithms, Machine Organization, Version Control (Git), EDA

SKILLS

- **Language & Libraries**: Python, pandas, Matplotlib, NumPy, R, tidyverse, dplyr, SQL, Java, JUnit
- **Tools**: Tableau, Git, Excel, Docker, Gephi, BigQuery, Jupyter Notebook, Cherwell ITSM, R Markdown

WORK EXPERIENCE

Systems Engineer: *DoIT, UW-Madison* — Jan 2026 – Present

- Resolved 50+ weekly enterprise access incidents (IAM) across NetID/SSO, Duo MFA, Microsoft 365, Canvas, Zoom, and UWNet access, restoring availability using Cherwell ITSM workflows and standardized escalation paths.
- Diagnosed 15+ recurring failure patterns/week spanning MFA enrollment/reactivation, token conflicts, browser caching/cert errors reducing repeat escalations through cause isolation and documented resolution paths in Cherwell.
- Processed 30–60 live requests/shift using Cisco Finesse, executing rapid triage, secure account recovery workflows, and accurate ticket updates under time constraints, while maintaining constant communication with concerned parties.

IT Service Operations Analyst: *End-User Computing Group, UW-Madison Libraries* — Nov 2024 – Present

- Managed service operations across 7+ UW library locations, resolving 25+ weekly endpoint/hardware/software or network incidents using workflows to reduce downtime and restore availability across high-traffic environments.
- Administered and maintained a fleet of 30+ Dell/Apple endpoints per month, executing OS imaging/reimaging, config validation, and checks to ensure consistent performance for staff devices, public workstations, and circulation laptops.
- Accelerated troubleshooting and asset visibility for 300+ devices/semester using Lansweeper and Bomgar (remote diagnostics), improving resolution speed and reducing repeat failures through accurate root-cause notes.

Associate Justice: *Student Judiciary, Associated Students of Madison.* — Oct 2025 – Jan 2026

- Administered as an appointed Associate Justice within UW–Madison's student government judiciary, supporting governance fairness and accountability for community of 50,000+ students through policy based decision frameworks.
- Evaluated multi-stakeholder disputes using evidence-based review and procedural standards, reducing ambiguity in outcomes and improving trust in student governance processes across high-sensitivity cases.
- Produced written rulings for 100% of assigned cases, clearly documenting reasoning, precedent alignment, and final determinations, contributing to consistent decision-making, institutional clarity, and procedural transparency

Engineering Possibilities Summit Fellow: *Goldman Sachs* — Jan 2025 – Sep 2025

- Selected for Goldman Sachs Engineering Possibilities, a competitive early-talent engineering program featuring multiple technical workshops, mentorship exposure, and technical projects aligned with real-world engineering hiring standards.
- Completed 5+ structured engineering modules emphasizing problem formulation, analytical reasoning and system-level design decisions; delivered 2+ presentations explaining approach, assumptions, and outcomes within fixed timelines.
- Solved 10+ behavioral interview-style problems improving speed and accuracy through feedback and peer review loops.
- Collaborated in a 5-person team on time-boxed data engineering exercises, performing dataset exploration and basic statistical analysis, and communicating results through concise technical summaries.

PROJECTS

Tech Workforce Analytics Pipeline (2001–2025)

- Built an end-to-end analytics pipeline analyzing 2001–2025 U.S. technology workforce data, using Python (pandas, NumPy) for data cleaning and feature engineering of hiring and layoff metrics, and designing a normalized SQLite relational schema to enable scalable SQL analysis of expansion cycles, contractions, and employment volatility.
- Developed SQL queries and an interactive Tableau dashboard combining workforce data with U.S. GDP and unemployment indicators to visualize tech hiring cycles, highlighting the 2020 surge (+617k) and 2023 contraction.

Algorithmic Backend Engine

- Engineered a modular backend system in Java implementing 4+ core data structures (hash tables, trees, heaps/priority queues, graphs) to support high-efficiency, low-latency, scalable data retrieval and routing operations.
- Implemented graph traversal and optimization logic using BFS, DFS, and Dijkstra, improving runtime performance and ensuring correctness through complexity-aware design, edge-case handling, and rigorous validation.