OMAR FITIAN
+1 (507) 581-9293 | fitianomar@gmail.com | github.com/omar-fitian | omarfitian.com | Open to relocation

EDUCATION

B.A. cum laude, *St. Olaf College, Northfield, MN* May 2026
Double Majors: Computer Science and Sociology/Anthropology. Concentration: Statistics and Data Science.
Coursework: Software Design, Analysis of Algorithms, Data Structures, Data Science I & II, Foundations of Artificial Intelligence, Discrete Mathematics, High-Dimensional Data Analysis, Algorithms for Decision Making.

TECHNICAL SKILLS

Languages & Frameworks: Python, SQL, C++, JavaScript, TypeScript, R, React, Next.js.
Automation & Tooling: GitHub Actions CI/CD, Git, Linux, Claude Code/Skills.
Data & ML: pandas, NumPy, PyTorch, scikit-learn, tidymodels, seaborn, Power BI, R Shiny, Tableau, Excel.

EXPERIENCE

Data and Evaluation Intern, *Daily Work, Saint Paul, MN* June 2025 – August 2025

- Shadowed case managers to redesign CRM fields and forms to prevent entry errors and ease collection.
- Built an internal application with a graphical interface that packaged a Python and R records-reconciliation process, fuzzy matching records across two systems with no shared identifier, enabling nontechnical staff to run it themselves and removing a repeated manual step from their workflow.
- Coordinated launch and designed the evaluation framework for a program, maintaining a process guide, defining data standards, validation rules, data ownership, and collection timelines.

Data and Impact Analysis Intern, *Project for Pride in Living, Minneapolis, MN* June 2024 – December 2024

- Reviewed records across SharePoint, Raiser's Edge, and Apricot for completeness and accuracy, identifying missing, duplicate, and inconsistent entries and following up to resolve them.
- Built and maintained reporting workflows and dashboards in Power BI, R, and SQL.
- Analyzed housing and career-readiness outcomes, translating data into executive reports and recommendations.

Data & Reporting Board Member, *United World Colleges National Committee, Remote,* August 2024 – Present

- Maintain confidential student records, respond to ad hoc data requests, and conduct outcome-based evaluation.
- Coordinate among schools, students, guardians, and donors, and train reviewers on selection processes.

Teaching Assistant, *Math, Statistics, and Computer Science Dept., St. Olaf College* January 2023 – May 2026

- Led 100+ sessions on object-oriented programming in C++, covering debugging and algorithm design.

PROJECTS & STAKEHOLDER RESEARCH

Self-Storage Price Monitoring Pipeline, *Python, BeautifulSoup, Github CI/CD, R Shiny, Claude Code* 2026

- Built a daily scheduled Python pipeline scraping self-storage chains and conducted plausibility checks.
- Designed a validated schema with idempotent merge logic on a composite key, per-source failure isolation so one bad source degrades gracefully, and structured logging routing rejected records to an audit trail.

Predicting Online Purchase Intention, *Python, scikit-learn, SQL* 2026

- Built an end-to-end classification pipeline with preprocessing, model comparison, and cross-validation, reaching 0.927 test ROC-AUC against a 0.155 baseline.

Strategic Plan Research, St. Olaf College, *Northfield, MN,* September 2024 – December 2024

- Designed and facilitated a focus group and stakeholder survey, then synthesized participant responses into written findings and recommendations delivered to institutional leadership.

Moral Development in St. Olaf Students, St. Olaf College, *Northfield, MN,* February 2026 – May 2026

- Conducted and coded semi-structured interviews, translating participant accounts into an analytical narrative.