

Dolma Rawat

Claremont, California | dolma.rawat@cgu.edu

EDUCATION

Claremont Graduate University, Claremont, California

Master of Science in Information Systems and Technology

Concentration: Data Science & Analytics

2024–2025 (expected)

- GPA: 4.0
- Relevant Coursework: Machine Learning, Database Systems, Predictive Modeling, Health Informatics, Decision Analytics, Natural Language Processing

Ambedkar University Delhi, Delhi, India

Master of Arts in Development Studies

Dissertation: An Inquiry into the High Incidence of Out-Migration from the Hilly Districts of Uttarakhand

Sri Venkateswara College, University of Delhi, Delhi, India

Bachelor of Arts in History & Political Science

FIELDS OF INTEREST

Applications of Generative AI; Ethical and Human-Centered AI Feedback Systems; Data-Driven Public Policy; AI for Development; Health Informatics; Urban and Civic Tech; Migration and Labour Markets

SKILLS

Programming & Analytical Tools: Python (NumPy, pandas, matplotlib, seaborn, scikit-learn), R, STATA SQL, Tableau, Excel, Git, Jupyter

Machine Learning & Data Mining: Supervised and Unsupervised Learning, Predictive Modeling, Logistic and Linear Regression, Decision Trees, Random Forest, XGBoost, Clustering (K-means, Hierarchical), Principal Component Analysis (PCA), Correlation and Multivariate Analysis, K-Nearest Neighbors, Feature Engineering, Cross-Validation

Ethical AI & Human-Centered Design: Prompt Engineering, Responsible AI Auditing, Ethical Impact Assessment (EIA), Fairness and Bias Detection, Inclusive Design, Human-in-the-Loop Systems

RESEARCH AND PROFESSIONAL EXPERIENCE

AI For Humanity Lab, Claremont Graduate University

Graduate Research Assistant • June 2025 – Present

- Leading a research pilot titled: “Leveraging AI to map competencies in Higher Education” in collaboration with Zipteam, a software company that designed to address the complexities of today’s corporate skill management and team formation challenge.
- Developing a prototype as part of the research study to map skills of graduate students throughout their academic journey.
- Co-designing workshops for graduate students to design ethical no-to-low-code chatbots to address various societal/business needs.

BOMA Investments & World Merit

Summer Intern • May 2025 – Present

- Co-lead the design of an AI agent prototype to support project planning, course recommendations, and reflective team tools.
- Develop multimodal interfaces (web and WhatsApp) for accessible engagement in mobile-first and low-connectivity environments.
- Spearhead integration of Ethical Impact Assessment (EIA) to flag exclusionary language, cultural mismatches, and high-risk decisions.

- Conduct desk research and user behavior analysis to refine platform functionality and ensure compliance with ethical and community standards.

Quantum Analytics Worldwide

Data Science Intern • Oct 2024 – Jan 2025

- Conducted EDA on healthcare workforce data to identify performance gaps and inform strategic decisions.
- Built machine learning models (XGBoost, Random Forest) to assess workforce risks and optimize forecasting accuracy.
- Delivered reports with 15+ visualizations influencing client planning strategies.

Claremont Graduate University – Ethical AI Hackathon

Co-Lead Organizer and Workshop Leader • March 2025

- Co-led the Ethical AI Hackathon, guiding teams to build responsible chatbot systems for real-world use cases.
- Conducted workshop on crafting Ethical Policy Frameworks and Ethical Impact Assessments (EIA).
- Designed evaluation rubrics for chatbot behavior including inclusivity, accessibility, tone, and data privacy.
- Mentored teams in building AI tools aligned with stakeholder communication and planning workflows.

Safe School Zone Program (IIT Delhi, HumanQind)

Project Consultant • Dec 2023 – Feb 2024

- Analysed traffic and safety data for 11 schools, identifying risk zones and policy intervention points.
- Applied regression and spatial modeling to inform data-driven school safety planning.
- Developed reports that contributed to adoption of safer urban design protocols in Delhi.

UNESCO, Social and Human Sciences Unit, New Delhi

Youth Engagement & Empowerment Associate • Feb 2023 – Aug 2023

- Designed regional youth programs engaging participants in climate justice and civic research.
- Authored policy briefs addressing communication equity, labor inclusion, and AI's civic role.
- Supported proposal writing and donor communications to sustain youth-driven impact initiatives.

ADDITIONAL EXPERIENCE/ TEACHING EXPERIENCE

Trandisciplinary Studies, Claremont Graduate University

Teaching Assistant, TNDY 331 GenAI for Graduate Success • July 2025– Present

- Assisting Prof. Robert Klitgaard in designing the curriculum for the course for students to leverage GenAI tools effectively in their coursework.
- Would be assisting in discussion related to bias and ethics in using GenAI tools in higher education.
- Empowering students to co-create with GenAI, rather than by performing tasks an AI could easily handle alone.

Center for Writing & Rhetoric, Claremont Graduate University

Writing Consultant • July 2025– Present

- Assisting graduate students to write effectively and efficiently in their academic coursework
- Facilitating productiving workshops and writing bootcamps for graduate students at Claremont Graduate University

Claremont Graduate University – CISAT

Program Assistant • Oct 2024 – Present

- Managed partner mapping for grant outreach and industry collaborations.
- Led updates for departmental web presence and created outreach materials.
- Built multi-institutional partnerships for AI ethics research projects.
- Led donor landscape analyses and grant strategy.

The Global Education and Leadership Foundation (tGELF)

Associate, Special Projects • Sep 2023 – Feb 2024

- Conducted policy research on youth leadership, entrepreneurship, and educational access.
- Created knowledge resources used across 10+ programs.
- Drafted annual impact reports for internal planning and donor transparency.

SELECTED TRAINING & WORKSHOPS

- Introduction to GenAI in Evaluation and Capacity Building – The Evaluators' Institute, 2025
- AI Fluency: Framework and Foundations- Anthropic, 2025
- Gender Equality Marker Training – UN Women Asia Pacific Regional Office (in collaboration with the Gender Task Team and RCO India), 2024

PUBLICATIONS (Non-Academic: Policy Commentary, Op-Eds, and Applied Reports)

- Rawat, D. (2021). NREGA: Historical Overview, Relevance and Challenges. Public Policy India.
- Rawat, D. (2021). *Tourism and Waste in Uttarakhand*. Social Development for Communities, Uttarakhand
- Rawat, D. (2022). Evaluating the National Food Security Act. Public Policy India.

AWARDS & FELLOWSHIPS

- CISAT Departmental Merit Fellowship, Claremont Graduate University (2024–2025)
- Merit Scholarship, Ambedkar University Delhi (2021–2022)