

Clement-Andi Edet

(737) 336-2005 | cedet@udallas.edu | LinkedIn | Github | Portfolio

EDUCATION

University of Dallas | Irving, TX

Jan. 2022 – May 2025

BS, Computer Science; Magnum Cum Laude; Outstanding Computer Science Major Award.

GPA: 3.88/4.00

Phi Beta Kappa Honor Society, Provost's Scholarship; Dean's List (All semesters).

Honorable Mention, The Mathematical Contest in Modeling 2025; Runnerup, AI Hackathon in McKinney.

EXPERIENCE

Full Stack Developer Intern

Jan. 2024 – May 2025

University of Dallas (The Mall UD)

Irving, TX

- Cut Firestore reads by 96% by rewriting queries to retrieve only relevant documents for each app context.
- Designed cronjob cleanup to cut costs, boost query speed, and improve data quality and reliability.
- Partnered with Student Affairs to align app features with college goals and increase student engagement.

LLM Research Assistant

Jun. 2024 – Aug. 2024

University of Dallas (Prompt Engineering)

Irving, TX

- Engineered feedback loops with ChatGPT-4o to improve reasoning accuracy; achieved 71% on targeted cases.
- Designed evaluation pipeline and curated 2,000 fallacy samples to support LLM analysis and model training.

NLP Research Assistant

Jun. 2023 – Aug. 2023

University of Dallas (Dataset Production)

Irving, TX

- Built a 100,000+ entry NLP dataset using Python and NLTK's Wordnet to support deep learning model training.
- Engineered automated dataset generation in a deep learning pipeline to optimize performance and scalability.

Research Support Developer

Jun. 2024 – Aug. 2024

University of Dallas (Programming Support)

Irving, TX

- Collaborated with biology researchers to assess algorithm performance and provide technical insights for the upcoming publication: "Optimizing Clustering of CDR3 Sequences Using NLP, Word2Vec, and KMeans".
- Configured and maintained Python environments on WSL and Ubuntu, enabling efficient task execution.

Computer Science and Mathematics Tutor

Jan. 2024 – May 2025

University of Dallas (Calculus, Data structures, Algorithms)

Irving, TX

- Tutored students in programming (Python, Java, C) and mathematics using structured and personalized support.
- Facilitated communication between students and professors, helping professors adjust to meet student needs.

PROJECTS

AI Travel Agent

- Collaborated with a four-member team to develop an AI-driven travel planning platform using JavaScript, React.js, and Node.js, incorporating a Retrieval-Augmented Generation (RAG) model for personalized itinerary generation.
- Designed and implemented a dynamic flight search feature using real-time input to optimize itineraries.

Sustainable Tourism Model

- Collaborated in a 3-person team to develop a mathematical model optimizing profit for the city of Juneau while minimizing social and environmental externalities for the 2025 Mathematical Contest in Modeling (MCM).
- Led computational development and data preparation using spreadsheets, Python, and optimization techniques.

Web Paint Application

- Developed core features of a React.js, Node.js, and Firebase web paint app, enabling multi-layer image editing and user-friendly interaction while implementing auto-saving with Firebase Firestore to enhance data persistence.
- Utilized JavaScript web-workers to implement multi-threading, stopping app freezing, and boosting performance.

SKILLS

Programming: Java, Python, VPython, TypeScript, JavaScript, React, Webhooks, SQL, MySQL, MongoDB, SQLite, JSON, Docker, CI/CD, Git, GitHub, Google Cloud Platform, Postman, API Design, Object-Oriented Programming, Functional Programming, Unit Testing, Database Normalization, UI/UX, Agile Development, Jest.

Relevant Coursework: Operating Systems, Software Engineering, Data Structures and Algorithms, Computer Organization, Natural Language Processing, Linear Algebra, Computational Physics, Mobile Application Development, Discrete Mathematics, Theory of Computation, Machine Learning, Number Theory, Programming Languages.

Professional Organisations: Colorstack, ACM, NSLS, Phi Beta Kappa Honor Society.