ALEXANDRA THOMAS

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ACADEMIC PROFILE

Graduate Student — Master of Science (M.S.) in Computer Science
University of North Carolina at Charlotte, Expected Graduation: May 2026
Academic Level: Graduate
GPA: 3.9 / 4.0

COURSEWORK

ITCS 6112 - Software System Design and Implementation (In Progress)
ITCS 6010 - Data Mining (Completed)
ITCS 6212 - Machine Learning (Completed)
ITCS 6020 - Cloud Computing and Big Data (In Progress)
ITCS 5120 - Database Systems (Completed)

PAST ACADEMIC PROFILE

Bachelor of Technology in Information Technology, University of Hyderabad, India (Graduated May 2023).
GPA: 8.8/10. Completed coursework in Data Structures, Algorithms, Operating Systems, and Computer Networks.

PROFESSIONAL EXPERIENCE

Data Analyst Intern — Redhat Inc., Raleigh, NC | Jun 2024 – Aug 2024 | Current Job
• Developed dashboards using PowerBI and automated ETL workflows using Python and SQL.
• Collaborated with cross-functional teams to integrate cloud data from AWS S3 and DynamoDB.
• Led data integrity audits that improved reporting accuracy by 18%.

Software Developer Intern — Infosys, Hyderabad, India | Jan 2023 – May 2023 | Past
• Designed internal APIs using FastAPI to optimize HR data processing by 30%.
• Participated in agile sprints and peer code reviews to maintain software quality.
• Created automated unit tests using Pytest and integrated them into Jenkins pipelines.

PROJECTS

CampusConnect - Student Collaboration Platform
Developed a full-stack web app enabling students to collaborate on research projects. Implemented matching algorithm based on skill similarity using Python and MongoDB.

Credit Card Fraud Detection
Built and evaluated ML models (Logistic Regression, Random Forest, XGBoost) achieving 94% accuracy. Deployed model via FastAPI REST endpoint.

Personal Portfolio Website
Created responsive portfolio site with React and TailwindCSS to showcase academic and project work.

TECHNICAL SKILLS

Python (Advanced), SQL (Advanced), JavaScript (Intermediate), React (Intermediate), FastAPI (Intermediate), AWS (Intermediate), Azure DevOps (Intermediate), PowerBI (Intermediate), Machine Learning (Advanced), Deep Learning (Intermediate), Git/GitHub (Intermediate), Docker (Beginner)

SOFT SKILLS

Communication, Teamwork, Adaptability, Leadership, Problem-Solving, Time Management

LANGUAGES

English (Fluent), Hindi (Fluent), Telugu (Native), Spanish (Intermediate)

CONFERENCES & ACTIVITIES

Grace Hopper Celebration (Attendant, 2023)
KDD Student Workshop (Presenter, 2024)
NeurIPS AI Conference (Volunteer, 2024)
Data Science Hackathon (Participant, 2023)

Mock Resume generated for NinerMatch testing — complete dataset for LLM parsing validation.