

# KAMIL AKHTAR

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## SUMMARY

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Master of Science in Computer Science student with hands-on experience in machine learning, data analytics, and AI application development. Skilled in designing predictive models, building data pipelines, and delivering insights through visualization tools. Seeking a Summer 2026 internship to apply technical expertise in Python, SQL, TensorFlow, and cloud platforms to solve real-world problems.

## EDUCATION

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**M.S. in Computer Science**, Georgia State University, Atlanta, GA December 2026  
GPA: 3.87

**B.S. in Computer Science**, Institute of Business Administration, Karachi June 2024  
GPA: 3.54

## PROJECTS

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**Pneumonia Detection with Deep Learning** — The Indus Hospital Sept 2023 – Jun 2024

- Built CNN and ResNet50 models achieving 98% diagnostic accuracy on 9,200+ X-ray images.
- Implemented ETL workflows and data augmentation, enhancing robustness and generalization.
- Collaborated with clinicians to align AI outputs with medical interpretation.

**Graduate Outcomes Data Analysis** — Andrew Young School, GSU Jun 2025 – Aug 2025

- Cleaned and validated 1,400+ alumni records to assess career placement trends.
- Delivered interactive Tableau dashboards and a final report for the Dean to guide policy decisions.

## PROFESSIONAL EXPERIENCE

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**Research Assistant** — TReNDS Lab, Georgia State University August 2025 – Present

- Conducted neuroimaging research under Dr. Armin Irajy focusing on dynamic functional connectivity analysis.
- Applied the sliding window approach to extract spatial maps and time courses from fMRI data.
- Utilized the GIFT toolbox to enhance classification accuracy in distinguishing schizophrenia from bipolar disorder.
- Contributed to methodology development aimed at improving diagnostic precision through brain connectivity modeling.

**AI Integration Intern** — Crestview Consulting, Miami, FL May 2025 – Aug 2025

- Designed and deployed full-stack AI applications, including an ATS Resume Analyzer.
- Automated workflows using Supabase and n8n, reducing manual operations by 70%.
- Partnered with clients to translate technical results into actionable business insights.

**Data Analyst Intern** — Tafsol Technologies, Karachi May 2024 – Dec 2024

- Queried large datasets with SQL to identify consumer trends that shaped client strategy.
- Built interactive Power BI and Tableau dashboards to track KPIs and streamline reporting.
- Reduced report generation time by 30% through dashboard automation.

## TEACHING EXPERIENCE

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**Graduate Teaching Assistant** — Georgia State University Jan 2025 – Present

*Courses: Machine Learning, Principles of Computer Science II*

- Guided 40+ students in understanding ML algorithms and programming concepts.
- Led weekly lab sessions and provided targeted support for assignments and projects.

## TECHNICAL SKILLS

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**Programming:** Python, SQL, Java, C++

**Data & Machine Learning:** Pandas, NumPy, Scikit-Learn, TensorFlow, Keras, PyTorch

**Databases:** MySQL, SQL Server, Oracle, Supabase

**Visualization:** Tableau, Power BI, Excel

**Certifications:** Machine Learning Specialization (Coursera), CUDA Python (NVIDIA), Data Scientist in Python (DataCamp)