

ABC University
Department of Computer Science

Dear Hiring Committee,

I am writing to express my strong interest in the Assistant Professor position in Department of Computer Science at **ABC University**. With a Ph.D. in Computer Engineering and extensive experience in both research and teaching, I am excited about the opportunity to contribute to your department's academic endeavors.

My name

In addition to my research experience, ...

Furthermore, I have supervised over ...

I am particularly drawn to this position at **ABC University** because of the opportunity to merge my research interests with the vibrant academic community at your esteemed institution. The prospect of ...

Thank you for considering my application. I have attached my curriculum vitae and other relevant documents for your review. I am eager to discuss how my experiences and qualifications align with the needs of Department of Computer Science in more detail during an interview. Please feel free to reach out to me via email at ...

Sincerely,
Ghulam Mujtaba

OVERVIEW

I am deeply committed to advancing the field of on-device computation, ...

Notably, I introduced innovative techniques for personalized trailer and summarization generation, extracting key events from lightweight video thumbnails instead of processing entire videos. This approach has resulted in a substantial reduction in computational complexity and overhead compared to conventional server-side methods [1, 2, 3]. Additionally, I developed a groundbreaking client-driven GIF generation method that harnesses acoustic features to efficiently identify climactic moments [4]. In a separate but equally impactful endeavor, I devised an energy-efficient smartphone encryption solution, facilitating the seamless integration of security features into video analytics frameworks [2]. These contributions collectively demonstrate the feasibility of conducting sophisticated multimedia tasks in real-time on resource-constrained devices, consistently achieving noticeable computational efficiency gains, often surpassing baseline approaches by a factor of 3 to 4 [5, 6]. Furthermore, qualitative assessments underscore the user-centric nature of my research, as users consistently favor personalized generated content by my techniques [7].

In addition ...

SPECIFIC RESEARCH INTERESTS

My research has made significant strides in several domains, including multimedia content analysis, video summarization, ...

Project 1

Add the project description here

Project 2

Add the project description here

Project 3

Add the project description here

Project 4

Add the project description here

FUTURE WORK

I am deeply committed to

REFERENCES

- [1] G. Mujtaba, A. Malik, and E.-S. Ryu, "LTC-SUM: Lightweight client-driven personalized video summarization framework using 2D CNN," *IEEE Access*, vol. 10, pp. 103 041–103 055, 2022.
- [2] G. Mujtaba, J. Choi, and E.-S. Ryu, "Client-driven lightweight method to generate artistic media for feature-length sports videos," in *SIGMAP: Processing of the 19th International Conference on Signal Processing and Multimedia Applications*. SCITEPRESS, 2022, pp. 102–111.
- [3] G. Mujtaba, S. Lee, J. Kim, and E.-S. Ryu, "Client-driven animated gif generation framework using an acoustic feature," *Multimedia Tools and Applications*, pp. 1–18, 2021.
- [4] G. Mujtaba and E.-S. Ryu, "Client-driven personalized trailer framework using thumbnail containers," *IEEE Access*, vol. 8, pp. 60 417–60 427, 2020.
- [5] G. Mujtaba and E.-S. Ryu, "Human character-oriented animated gif generation framework," in *MAJICC: Mohammad Ali Jinnah University International Conference on Computing*. IEEE, 2021, pp. 1–6.
- [6] G. Mujtaba and E.-S. Ryu, "Personalized movie trailer using thumbnail containers," in *Proc. Int. Workshop on AI for Smart TV Content Production, Access and Delivery (AI4TV 2019) at ACM Multimedia*, 2019.
- [7] G. Mujtaba, M. Tahir, and M. H. Soomro, "Energy efficient data encryption techniques in smartphones," *Wireless Personal Communications*, vol. 106, no. 4, pp. 2023–2035, 2019.

Background

My journey of over ...

My Vision of Teaching

My core teaching philosophy revolves ...

Preparation and Adaptation

To excel as an educator, ...

Understanding and Adapting to Student Diversity

Effective teaching involves ...

Ethical and Responsible Education

Beyond imparting technical knowledge, ...

Sincerely,

Ghulam Mujtaba

Diversity, equity, and inclusion are not just ideals for me; they are guiding principles that I prioritize in every aspect of my academic journey. As a prospective member of Department of Computer Science at your esteemed institution, I am deeply committed to advancing these values within our academic community.

My dedication to fostering diversity, equity, and inclusion ...

At Indus University, where I served as a Junior Lecturer, ...

My international experiences in Pakistan, South Korea, and the USA have ...

As a researcher, I have had the privilege of collaborating with diverse teams, ...

Looking ahead, I am eager to translate my commitment to diversity and inclusion into actionable initiatives within Department of Computer Science. If granted ...

Moreover, I recognize the importance of promoting diversity ...

My experiences as an educator and researcher have ...

Sincerely,
Ghulam Mujtaba

Prof. ABC, ABC University, South Korea, [ABC email](#)

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