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To
*Hiring Committee,
Center for Computational Research
University at Buffalo
Buffalo, NY*

April 23, 2025

Dear Hiring Committee,

As a graduate student pursuing my Master's in Computer Science and Engineering at the University at Buffalo, and a former Software Engineer at Colgate Palmolive, I bring a balance of academic rigor and industry experience to every project I take on. I'm writing to express interest in opportunities at your company where I can contribute to impactful, scalable software solutions.

At Colgate Palmolive, I developed distributed backend systems with Django, GCP, Kubernetes, and RabbitMQ, delivering robust APIs that handled over a million concurrent I/Os. I've led testing initiatives across global teams, optimized front-end performance using React and modern UI libraries, and contributed to open-source tools like Diesel (Rust ORM) to improve performance for thousands of users. Whether building in React Native for mobile or Dockerized microservices in Go and Python, I thrive in fast-paced, collaborative environments.

Beyond my work experience, I've built projects like a Redis-inspired in-memory database in Go, and a stock market predictor using LSTM and real-time Twitter sentiment analysis. These initiatives reflect my passion for engineering systems that are not only functional but also efficient and user-centered.

I'm excited to bring my technical foundation, product mindset, and eagerness to grow into a role where I can build high-impact solutions with a team that values innovation and ownership.

Thank you for considering my application. I would be thrilled to contribute to your team's success and would welcome the opportunity to discuss how I can add value.

Sincerely,

Pratik Fandade