

# Christy Cao Kim

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Date

specific name of recipient  
IBM  
400 Olive Street  
Colorado Springs, CO 80904-3559



Dear [specific named individual]:

I'm excited by the possibility of joining IBM's Human-Computer Interaction Department in the Research Internship in your Speech and Visual Processing Group that you are currently advertising. My education and experience in Cognitive Science, focusing on computational modeling, have equipped me with a broad range of expertise in disciplines that closely parallel the requirements of this internship. While my enclosed resume provides a good overview of my strengths and achievements, I have also listed some of your specific requirements for the position and my applicable skills:

**You require:**

- Someone who can assist researchers in state-of-the-art projects.
- Programming skills in Java and C++.
- Strong mathematical background.
- Evidence of research participation and independent work.
- Skills in such areas as signal processing, probability and statistics, machine vision, computation structures, algorithms and distributed systems.

**I offer:**

- Experience in the technical field through my coursework and internship that has sharpened critical-thinking skills that would prove valuable in assisting with these projects. My studies of linguistics, cognitive psychology, neuroscience, and philosophy intertwine to address the question of how our mind works and are thus applicable to this internship.
- Proficiency in those languages, as well as enthusiasm for learning new programming tools and applications.
- Completion of significant coursework in math.
- In addition to developing individual research projects, I have collaborated on diverse teams, including teams that interacted virtually.
- Digital audio work that is applicable to signal processing, as well as a curriculum in artificial intelligence that dealt with pattern recognition/edge detection and is therefore relevant to machine vision.

I am also convinced that my linguistics background would be a great asset for Human-Computer Interaction research, especially visual and speech processing. I would also be interested in being considered for the internship in your Collaborative User Experience Group. I plan to contact you to follow up on this letter and see if we can arrange a meeting. In the meantime, please feel free to contact me using the information listed above. I look forward to our meeting. Thank you for your time and consideration.

Sincerely,

Christy Cao Kim