

POSTDOC SPOTLIGHT

Manjushree Aithal, PhD

Research.

I develop secure, privacy-focused AI tools for clinical data and build robust computer vision benchmarks, like the LENVIZ dataset, to create more trustworthy and accessible human-computer interfaces.

Lab.

James Mitchell, PhD

Education.

PhD, Binghamton University

Fun Fact.

"I'm the proud mom of a 3-year-old cat, and I'm also a huge foodie who loves exploring new places!"

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Question. Who or what motivated you to pursue a career in science?

Answer.

My parents are my biggest inspirations. I grew up watching my dad get his PhD in Statistics and saw firsthand how he contributed to the research community, which sparked my interest in higher education and science. My mom is my inspiration to stay focused and never give up, even when things get tough.



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Question. Where do you see your career heading in the future?

Answer.

In the coming years, I'm aiming to build an impactful AI framework that simplifies complex tasks for professionals, especially in the clinical field, targeting simple problems that were left unnoticed but can be automated. Five years out, I want to develop human-computer interface solutions that promote trustworthy AI, reducing bias for the general population giving people the confidence that AI will assist, not replace them.

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Question. Do you have any words of advice for the next generation of scientists?

Answer.

Don't be intimidated by what you don't know, in fact let it drive you. The best scientists aren't the ones who have all the answers right away, but the ones who aren't afraid to ask the hard questions and dig until they find the "why" behind them..

