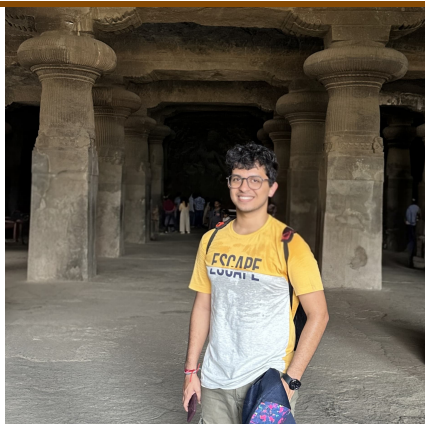




DEVAVRATH SANDEEP

PROGRAM: MS IN AI ENGINEERING –
BIOMEDICAL ENGINEERING

HOME TOWN: BANGALORE, INDIA

CONTACT

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HOBBIES

Photography (I shoot competitively and still roam the city with my camera most weekends), pickup basketball, debate, and building quirky little AI side projects for fun.

FACTS NEW STUDENTS MAY NOT KNOW ABOUT PITTSBURGH, CMU OR BME

CMU launched the first undergrad AI degree in the US and built one of the world's first self-driving cars, and, is the only US university where you can major in bagpipes. And the city has 446 bridges, more than any city on earth, even Venice. It's also where Andy Warhol grew up and where the very first Big Mac was sold, so Pittsburgh punches well above its weight on pop culture too.

LEARN ABOUT CMU BME AMBASSADORS

FAVORITE THING ABOUT BME DEPARTMENT

How genuinely interdisciplinary it is. In a single year my projects have spanned voice AI for disease screening, EEG brain-computer interfaces, digital twins for hospital-workflow simulation, and emg based exoskeleton calibration using computer vision in a neuromechatronics lab. Nobody blinks when you jump from signal processing to clinical data to machine learning, the department celebrates people who bring more than one discipline to the table.

FAVORITE THING ABOUT CMU

The “just build it” culture. Faculty and peers take your half-formed idea seriously and help you turn it into something real, fast. And because of faculty connections and real clinical collaborators are our neighbors right here, your work can actually touch patients instead of stopping at a benchmark.

WHY I PICKED CMU FOR MY GRAD STUDIES?

I wanted to do AI that's genuinely engineered for medicine, and CMU is one of the few places where world-class AI sits right next to a major medical system and a policy and analytics school. The AI Engineering – Biomedical engineering program let me go deep on the AI while staying anchored in real clinical problems. Coming from a bioengineering background, that combination was exactly what I was looking for.

LONG-TERM CAREER GOALS

I want to build clinically deployable AI for healthcare tools that actually reach patients, especially in the resource-limited settings. Long-term, I'd love to lead research and engineering at the intersection of AI and medicine, whether inside industry or by eventually building something of my own.