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Scientific Focus: Data Science in Perioperative Care, Medical Informatics

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What else do I want to say?

Though Medical Informatics was part of the curriculum when I attended medical school, it was limited to few aspects and did not reflect the impact that computer science has in our everyday life as doctors. Fascinated by this topic, I went back to university and enrolled in an undergraduate program in computer science – and stayed until my PhD.

I believe that Intensive Care is among the medical specialities that is most interesting from a data perspective. Every day, a tremendous amount of physiological data is generated and stored in electronic health records. At the same time, these repositories are hardly used for research or applications like clinical decision support.

My scientific advisors played a central role in my professional and academic career, and I would love to give back by supporting students and trainees alike that share the passion for medical data science.