Stanford



Sean Farrell

Postdoctoral Scholar, Ophthalmology

Bio

PROFESSIONAL EDUCATION

- Doctor of Philosophy, Durham University (2025)
- Bachelor of Science, University Of Kent At Canterbury (2021)
- PhD, Durham University , Computer Science (2025)

STANFORD ADVISORS

- Sophia Wang, Postdoctoral Faculty Sponsor

LINKS

- Google Scholar: https://scholar.google.com/citations?user=ntcK4_cAAAAJ&hl=en
- Personal Website: https://seanfarr788.github.io/

Publications

PUBLICATIONS

- **Generalizable multilingual medical text anonymization using generative instruction tuning.** *Communications medicine*
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- **Disease and Health Surveillance in Companion Animals Using Artificial Intelligence and Machine Learning.** *The Veterinary clinics of North America. Small animal practice*
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- **Comprehensive representation of health-related phenotypes in one million dogs using topic modelling of electronic health records** *JOURNAL OF BIG DATA*
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- **Premature mortality analysis of 52,000 deceased cats and dogs exposes socioeconomic disparities** *SCIENTIFIC REPORTS*
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- **Evaluating ChatGPT text mining of clinical records for companion animal obesity monitoring** *VETERINARY RECORD*
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- **PetBERT: automated ICD-11 syndromic disease coding for outbreak detection in first opinion veterinary electronic health records** *SCIENTIFIC REPORTS*
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