Will Pike, MD

Physician-Clinical Informatician

contact@pikemd.com | LinkedIn | GitHub | Remote/Chicago, IL

Summary

Physician-Clinical Informatician specializing in real-world evidence. Builds scalable tools and processes that transform clinical data into research-grade evidence.

Education

Georgia Institute of Technology – MS in Analytics

2024 - present | Remote

Georgetown University School of Medicine – MD in Medicine

2018 - 2022 | Washington, DC

- Magna Cum Laude

University of Virginia – BA with Distinction in Biology

2014 - 2017 | Charlottesville, VA

- GPA: 4.0/4.0; graduated in 3 years

Experience

Director of Medical Informatics and Innovation – Atropos Health

July 2023 - present | Remote

• Lead clinical informatics strategy for an RWE company, designing scalable workflows for data transformation and semantic normalization across EHR, claims, and structured/unstructured clinical data sources • Build automated tools (Python, SQL) for data quality checks, concept identification, cohort definition, and clinical vocabulary mapping to improve research delivery • Serve as clinical SME translating complex medical concepts into computable phenotypes and standardized data representations for cross-functional engineering and data science teams • Drive knowledge management, process automation, and documentation across clinical evidence pipelines

Emergency Medicine Resident – Johns Hopkins University

2022 - 2023 | Baltimore, MD

• Completed intern year across Emergency Medicine, Anesthesiology, Critical Care, and Radiology • Vice-Chairman, Informatics Committee – led EMR optimization, clinical documentation tooling, and technology resources for the department

Publications

19 published, 4 accepted, and 21 in preparation/submission. 6 conference abstracts. Topics span RWE, clinical outcomes, and health informatics.

See Publications for a complete list.

Skills

Technical: Python, R, SQL, Git, Linux, Machine Learning, NLP/LLM, Statistical Analysis, Data Visualization

Clinical Informatics: EHR/EMR Systems, Semantic Normalization, Clinical Vocabularies (ICD-10, SNOMED CT, LOINC, RxNorm, CPT), Data Quality, Cohort Definition, Computable Phenotyping