



## Behzad Naderalvojud

Postdoctoral Research Fellow, Biomedical Informatics

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#### BIO

Behzad Naderalvojud is a Postdoctoral Research Fellow at Stanford Center for Biomedical Informatics Research. He received his Ph.D. degree in Computer Science at Hacettepe University, Turkey, in 2020. He is immersed in the fields of machine learning, deep learning, natural language understanding, and Big data analytics and works on health knowledge discovery platforms that transfer Big Health data from volume-based to value-based by generating relational knowledge leading to innovative treatments, predictive therapeutic outcomes, and early diagnosis. He was the leader of many industrial AI projects in the fields of healthcare intelligence and information management in the Eureka cluster programs.

Dr. Naderalvojud has published several papers in the field of natural language understanding by working on word sense disambiguation, sentiment analysis, neural word embeddings, and deep learning models through national and international projects.

He is currently working on the funded NLM grant project "Advancing Knowledge Discovery for Postoperative Pain Management" under the supervision of Dr. Tina Hernandez-Boussard. He develops descriptive, predictive, and analytical tools using OMOP CDM for postoperative pain research to facilitate timely generation of evidence across multiple populations and settings.

#### STANFORD ADVISORS

- Tina Hernandez-Boussard, Postdoctoral Research Mentor
- Tina Hernandez-Boussard, Postdoctoral Faculty Sponsor