

FORHAN BIN EMDAD

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EDUCATION

PhD in Information, Florida State University *June 2021 - expected June 2025*
PhD in Biomedical and Health informatics, University of Wisconsin-Milwaukee *Jan 2021 - May 2021*
MSc in Information Systems, University of Maryland, Baltimore County *June 2018 - December 2020*
Bachelor of Electrical, Electronic And Communication Engineering, Bangladesh University of Professionals
Feb 2011 - Jan 2015

TECHNICAL SKILLS

Programming languages: Python, R, C, Java, Tcl, MATLAB, SAS
Deep Learning Frameworks: Tensorflow, Keras, Pytorch
Databases: mysql, postgre, Sqlite3

EXPERIENCE

Teaching Assistant, Florida State University *June 2021 - Present*
Courses: Web Development, Introduction to Health Informatics
Research Assistant, University of Wisconsin-Milwaukee *Feb 2021 - May 2021*
Teaching Assistant, Information Systems Department, UMBC *June 2020 - December 2020*
Research Assistant, UMBC Health IT Lab *June 2018 - June 2020*
Infrastructure Associate, Accenture *May 2015 - Nov 2017*

PROJECTS AND PUBLICATIONS

Interpretable Multimodal Deep Learning Predictive Models for Mortality Prediction. Towards Interpretable Multimodal Predictive Models for Early Mortality Prediction of Stroke Patients. AMIA 2023 Informatics Summit

Designing Robust Ethical AI Framework for Healthcare. Challenges and Recommendations of Designing Ethical AI in Healthcare: Thematic Analysis. Submitted at iConference 2023

Usability evaluation of e-government health care administration systems. Towards Optimizing Usability in e-Government Healthcare Administration Systems: Recommendations from a Comprehensive Evaluation Study. Poster presented at: AMIA 2019 Annual Symposium

HIGHLIGHTED COURSEWORKS

- Data Analytics, Statistical Learning with R, Data Mining, Machine Learning, Deep Learning, Database, Health Informatics

AWARDS

- Best research poster award in "Healthcare Informatics: A Catalyst for Value-Driven Care Transitions" category for presenting "Toward Optimizing Usability in e-Government Healthcare Administration Systems" at the SINI 2019 conference.