Mutaz Hennawi

Ph.D. Student
Kahlert School of Computing, University of Utah
Website: https://mutazhnwi.github.io/

Research Interests

Human-centered computing, Human-computer interaction, Design, Digital Health.

My work focuses on digital health, exploring how technology can improve health assessments and enhance the design of tools for healthcare. My research investigates the design space of digital health systems, emphasizing how we can create effective and scalable solutions for real-world applications. By bridging Human-Computer Interaction principles with healthcare needs, I aim to uncover novel approaches to support clinicians and patients through innovative, data-driven insights and user-centered design.

Education

University of Utah   2024 – Present
Ph.D. Student at Kahlert School of Computing
Salt Lake City, UT, United States

Jordan University of Science and Technology   2018 – 2022
Bachelor's in Computer Science (*Honors*)   GPA: 3.98/4.0
Irbid, Jordan

Work Experience

Integration Specialist

Data Here-to-There inc, Edmonton, AB | Jan 2023 - Jan 2024

- Developing client websites/stores and maintaining UI/UX standards
- Database management and development using technologies like MongoDB and MySQL
- Integrating data from multiple distributor and manufacturer sources with clients' stores focused on the automotive aftermarket industry
- Managing data flow from multiple sources using data streaming platforms like Kafka

Full-Stack Web Developer

CleverMind ICT, Amman, Jordan | July 2021 - July 2022

- Developed and maintained 20+ web apps and databases
- Implemented and integrated application programming interfaces (API)
- Leaded and managed developer team meetings for updates on deadlines, challenges with current projects and workflows, and enhancements.

Skills

Computer Skills: PHP, MongoDB, MySQL, React.js, Python, Kafka, LaTeX, MS Suite

Language Skills: Fluent in English and Arabic

Honors and Awards

- Received a fully funded fellowship from Jordan University of Science and Technology (JUST) to pursue a PhD degree at the University of Utah

- Graduated first in class and awarded as high honored student, 6 consecutive semesters (2018-2022)

Service

- Actively participated in the ABET accreditation (Accreditation Board for Engineering and Technology) committee meetings that aimed to obtain worldwide accreditation for the Department of Computer Science at Jordan University of Science and Technology

- Led the Undergraduate Mentoring Group, providing academic support, skill development, and guidance to help students achieve their academic goals