



Shadi Momtachen

Postdoctoral Scholar, Anesthesiology, Perioperative and Pain Medicine

Bio

BIO

Shadi Momtachen holds a BSc and MSc in Computer Science and Engineering, and a Ph.D. in Mechatronic Systems Engineering from Simon Fraser University, where she collaborated with the BC Cancer Agency on deep learning applications for cancer detection and treatment. She previously served as a Postdoctoral Research Fellow in the Department of Medicine at the University of British Columbia, working with the International Collaboration on Repair Discoveries (ICORD) to develop machine learning models for biosensor-based health monitoring.

Currently, Shadi is a Postdoctoral Scholar at the Aghaeepour Lab at Stanford Medicine. Her research focuses on applying deep learning to large-scale medical datasets—including wearable vital signs—to identify clinically relevant patterns and enable predictive, personalized healthcare.

HONORS AND AWARDS

- The Young Investigator Award, BC Cancer Agency (2023)
- Research and Innovation Award, BC Cancer Agency (2023)
- Ontario Graduate Scholarship (OGS), Ryerson University (2019)

STANFORD ADVISORS

- Nima Aghaeepour, Postdoctoral Faculty Sponsor

LINKS

- LinkedIn: <https://ca.linkedin.com/in/shadi-momtachen>
- ResearchGate: <https://www.researchgate.net/profile/shadi-momtachen>
- Google Scholar: https://scholar.google.com/citations?hl=en&user=4sxbWHMAAAAJ&view_op=list_works&sortby=pubdate