

EDUCATION	<b>Department of Computer Science and Engineering, IIT Jodhpur</b> Rajasthan, India <i>Ph.D. in CSE</i> <ul style="list-style-type: none"> <li>• Advisor: Prof. Santanu Chaudhury &amp; Dr Deepak Mishra</li> <li>• Research area: Multi Modal and SSL for Medical Image Analysis</li> </ul>	2021 - 2026 (expected)
	<b>Department of Electronics and Communications Engineering, NIT Srinagar</b> J&K, India <i>M.Tech. in CIT</i> <ul style="list-style-type: none"> <li>• Advisor: Prof. A.H. Mir</li> <li>• Research area: Medical Image Analysis</li> <li>• GPA: 9.430/10.00, Rank: 1.</li> </ul>	2017 - 2019
	<b>Department of Information Technology, NIT Srinagar</b> J&K, India <i>B.Tech. in Information Technology</i> <ul style="list-style-type: none"> <li>• GPA: 9.12/10.00, Rank: 3.</li> </ul>	2013 - 2017
PUBLICATIONS	<ol style="list-style-type: none"> <li>1. <b>Aiman Farooq</b>, D Mishra, S Chaudhury, “<i>Causal Survival Analysis via Neural Mediation with Counterfactual Risk Estimation</i>”, Women in Machine Learning Workshop@ NeurIPS 2025</li> <li>2. Shripad Pate*, <b>Aiman Farooq*</b>, Suvranksar Datta, Dr Musadiq Adil Sheikh, Dr. Atin Kumar, and Deepak Mishra, “<i>Fine-Grained Rib Fracture Diagnosis with Hyperbolic Embeddings: A Detailed Annotation Framework and Multi-Label Classification Model</i>”, early accept(9%) MICCAI, 2025</li> <li>3. <b>Aiman Farooq*</b>, Chandisha Das*, Deepak Mishra, “<i>Uncertainty-Aware Cross-Modal Attention for Breast Cancer Classification in Ultrasound Imaging</i>”, Oral Presentation Deep-Breath MICCAI, 2025</li> <li>4. <b>Aiman Farooq</b>, Deepak Mishra, Santanu Chaudhury. Survival Prediction in Lung Cancer through Multi-Modal Representation Learning. <i>Winter Conference on Applications of Computer Vision (WACV) early accept (12%)</i>, 2025.</li> <li>5. Harini G.*, <b>Aiman Farooq *</b>, Deepak Mishra. Leveraging Auxiliary Classification for Rib Fracture Segmentation. <i>Indian Conference on Computer Vision, Graphics and Image Processing</i>, 2024.</li> <li>6. <b>Aiman Farooq</b>, Utkarsh Sharma and, Deepak Mishra. Enhanced Survival Prediction in Head and Neck Cancer Using Convolutional Block Attention and Multimodal Data Fusion ACCV Workshop, 2024.</li> <li>7. <b>Aiman Farooq</b>, Deepak Mishra, Santanu Chaudhury. Translating Imaging to Genomics: Leveraging Transformers for Predictive Modeling. <i>Conference on Computer Vision and Pattern Recognition (CVPR) Women in Computer Vision (WiCV)</i>, 2024.</li> <li>8. <b>Aiman Farooq</b>, Deepak Mishra, Santanu Chaudhury. RegFSL-A registration-based framework for Few shot segmentation of Brain Tumor. <i>TechRxiv. May 30, 2024. DOI: 10.36227/techrxiv.171709831.10024495/v1</i>.</li> <li>9. S. Datta, <b>A. Farooq</b>, S. Agrawal, D. Mishra, A. Kumar, S.R. Gamanagatti, D. Kandasamay, S. Mittal, S.Kumar, R.Sharma. AIRib Framework: Development of an End-to-End Pipeline for the Automated Detection, Characterization, Prognostication and Reporting of Traumatic Rib Fractures from CT Scans. RSNA, 2023.</li> </ol>	

PROJECTS	HuB for Radiogenomics Research and Service <i>TiH, IIT Jodhpur</i>	2024 - 2025
	Development of an AI platform for the prediction of brain tumor response to therapies from multimodal human tumor spheroid data <i>IIT Jodhpur &amp; AIIMS Jodhpur</i>	2021 - 2023
	Rib Fracture Characterization in CT Scans Using Deep Learning, <i>IIT Jodhpur &amp; AIIMS Delhi</i>	2021 - 2024
TEACHING EXPERIENCE	NIT Srinagar   Assistant Professor <ul style="list-style-type: none"> <li>Taught courses such as Information Security, Introduction to Programming, Signals and Systems, Big Data Analytics</li> <li>Btech project guide for final year graduate students</li> </ul> IIT Jodhpur   Teaching Assistant <ul style="list-style-type: none"> <li>Deep Learning</li> <li>Computer Vision</li> <li>Artificial Intelligence</li> <li>Advanced AI</li> </ul>	July 2019 - December 2020
AWARDS AND HONORS	<ul style="list-style-type: none"> <li><b>Travel grant :</b> CVPR DEI (2024), WiCV(2024), WACV DEI(2025), MICCAI Travel and Registration Grant(2025), NeuRIPS Scholar Award(2025), WiML Grant(2025) .</li> <li>Part of Supporters Outreach at MICCAI 2025 from India.</li> <li><b>Gold Medalist,</b> M.Tech in CIT</li> <li><b>MHRD Scholarship,</b> NIT Srinagar</li> </ul>	2019 2017-2019
ACADEMIC SERVICES	Reviewers for: ECCV, NeurIPS, CVPR, ICPR, CODS-COMAD, WICV-ECCV, MICCAI, ICVGIP,	