



## Summer Research Program 2024 – Projects

### Project #4

**Title:** Validating the Short Version of Arabic Eye Tracking Stimuli for Early Screening and Diagnosis of Autism Spectrum Disorders in Qatar

**Description:** The primary objective of our current research is to establish an objective metric for assessing Autism Spectrum Disorder (ASD) symptom levels through eye gaze tracking, utilizing stimuli created in Arabic and English. Our goal is to formulate an "autism risk index" (ARI) by gauging participants' attention to social and nonsocial stimuli. Our proposal centers on validating the autism risk index as a reliable measure of ASD screening and diagnosis.

**Mentors:** Dr. Fouad A. Al-Shaban, Principal Investigator. Email: [falshaban@hbku.edu.qa](mailto:falshaban@hbku.edu.qa), Iman Ghazal, Senior Research Associate. Email: [ighazal@hbku.edu.qa](mailto:ighazal@hbku.edu.qa), Fatema AlZahra Al-Faraj, Research Assistant. Email: [falfaraj@hbku.edu.qa](mailto:falfaraj@hbku.edu.qa)

