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Dr. Frederick Shic is a Professor of Pediatrics at the University of Washington and Seattle Children's Research Institute. Dr. Shic received a B.S. in Engineering and Applied Science from Caltech, a Ph.D. in Computer Science from Yale, and Postdoctoral Training as an NIMH T32 Fellow in Childhood Neuropsychiatric Disorders at the Yale Child Study Center. Previously, Dr. Shic was a video game programmer for Dreamer's Guild and Sony Interactive Studies, a magnetic resonance spectroscopy researcher at Huntington Medical Research Institutes, and faculty at the Yale Child Study Center. He currently leads Seattle Children's Innovative Technologies Laboratory which focuses on the exploration of new technologies and methodologies for enriching the lives of children with ASD and their families. Areas of work include: eye tracking, fNIRS, social robotics, video games, mobile apps, XR, machine learning, computational modeling, and computer vision.