

KATIE JOHNSON

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RESEARCH INTEREST	
	Manufacturing, Control Systems, Signal Processing
EDUCATION	
	Sept. 2003 – Apr. 2005 M.S.E. in Electrical Engineering-Control Systems University of Michigan
	Sept. 2000 – Apr. 2003 B.S.E. in Electrical Engineering University of Michigan
EXPERIENCE	
	July 2003 – Present <i>Research Assistant</i> University of Michigan <ul style="list-style-type: none">▪ Designing a graphical user interface to integrate the components of an intelligent maintenance system including signal processing, feature extraction, performance evaluation, and sensor fusion.
	June – Aug. 2002 <i>Diagnostics Engineering Intern</i> General Dynamics Land Systems <ul style="list-style-type: none">▪ Used diagnostic analysis to write crew and maintenance level troubleshooting procedures for the M1A1 RxNB tank including validation and verification of these procedures by the government.
	Jan. – Apr. 2001 <i>Undergraduate Research Assistant</i> University of Michigan <ul style="list-style-type: none">▪ Used AutoCAD to design field research tools for a microwave geophysics project.▪ Used Matlab software for design analysis of field research tools.
PUBLICATIONS	
	<ul style="list-style-type: none">▪ Coming soon!
CURRENT PROJECT	
	Integration and Modularization of the Watchdog Toolbox Performance Assessment Software