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Education and Training

Johns Hopkins University	Mechanical Engineering	Ph.D. Current
University of Pennsylvania	Mechanical Engineering	M.S. 2017
Duquesne University	Mathematics	B.S. 2013

Work Experience

Center for Functional Neuroimaging University of Pennsylvania (PI: Dr. John Detre) 02/2017 – 08/2017

- Created a prototype for calibration of brain MRI imaging, specifically labeling efficiency, signal intensity and signal gradients
- Mapping flow fields and particle tracking patterns from simulations to real-time imaging results