

# Sean T. Ricks

Sean is a mechanical engineer with diverse experience in human-centered product design and development, machine learning, and systems engineering. Sean has been published in numerous International Design & Engineering Journals, as well as MIT Press Journals. Sean received his Bachelor of Science in Mechanical Engineering (Magna Cum Laude) from Brigham Young University, and his Master of Science in Mechanical Engineering from the Massachusetts Institute of Technology.

Sean's master's work at MIT was funded by the Tata Center for Technology and Design where he contributed to research that addresses socio-technological issues in India. Sean conducted a case study on the Tata Swach water purifier, a product created to alleviate the clean water crisis that affects the country.

## Experience

### **MITRE**

Senior Systems Engineer  
Feb 2017 – Present

### **Gyroscope Lab, LLC**

Project Engineer  
Gyroscope Lab, LLC  
Oct 2015 – Feb 2017

### **Massachusetts Institute of Technology (MIT)**

Research Assistant, Tata Fellow  
Massachusetts Institute of Technology (MIT)  
Aug 2013 – Jun 2015

### **US Synthetic**

Automation Technician  
US Synthetic  
Oct 2011 – Jul 2013