

Virag Borsai

51 Pontiac Street • Boston, MA 02120 • 1-203-297-2584 • virag.borsai@gmail.com

OBJECTIVE

Highly motivated and enthusiastic clinical engineer with a positive attitude seeking a position in healthcare technology management field, focusing on improving patient care by delivering effective project management, utilizing engineering principles, and ensuring regulatory compliance.

EDUCATION

University of Connecticut, Storrs, CT Expected May 2019
Masters of Science in Biomedical Engineering – Clinical Engineering Concentration

University of Connecticut, Storrs, CT September 2012 – May 2017
Bachelors of Science in Biomedical Engineering – Biomechanics Concentration
Bachelors of Arts in German Studies

EXPERIENCE

Boston Children's Hospital, Boston, MA *Clinical Engineer* July 2017 – Present

- Successfully managed life cycle of 3000 infusion pumps by effectively organizing their inspection, recalls, and repairs over two years
- Managed technology assessment and evaluation of specialty infusion pumps to fit the unique needs of Critical Care Transport
- Addressed multiple medical device recalls and created effective remediation processes to improve patient safety
- Coordinated the procurement of a new patient monitoring system by defining user requirements and ensuring all needs are met
- Oversaw the implementation of physiological monitors by creating accurate inventory, performing incoming inspection, and ensuring proper installation
- Conducted numerous power downtimes by acting as the liaison between Health Technology Management, Hospital Engineering, and clinical staff to ensure critical, life-support equipment remains operational during downtime
- Performed incident investigations and root cause analysis of medical device failures
- Improved compliance by updating department's robust policy and procedures
- Supported the replacement of defibrillators enterprise wide by actively participating in market assessment, acquisition, and deployment

Laboratory of Biomechanics and Implant Research, Heidelberg, Germany *Co-op* March – July 2016

- Designed and created a testing method to analyze cement penetration on human specimens
- Recreated and developed experiments alongside physicians to test knee replacements and hip implants

SKILLS

Project Management	Failure Modes and Effects Analysis	Microsoft Office
Asset Enterprise (CMMS)	CompTia Network+	Root Cause Analysis

PROFESSIONAL AFILIATIONS

Association for the Advancement of Medical Instrumentation (AAMI)	September 2017 – Present
American College of Clinical Engineering (ACCE)	September 2017 – Present
New England Society of Clinical Engineering (NESCE)	September 2017 – Present