

# Tasneem Pishori

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## Education

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### University of Connecticut, Storrs, CT

Masters of Science in Biomedical Engineering

Expected:

May 2012

### Purdue University, West Lafayette, IN

Bachelors of Science in Biomedical Engineering

2006 – 2010

## Work Experience

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### Clinical Engineer - Baystate Medical Center, Springfield, MA

Aug 2010 -

Present

- Assisted biomedical equipment technicians in repair and incoming inspections of various medical equipment
- Monitored medical device recalls, hazard alerts and product notifications and managed communication and follow up corrective actions
- Assisted in the implementation and training of staff for a new Computerized Maintenance Management System for the Clinical Engineering department
- Coordinated implementation, procurement and planning of new equipment installations for a newly constructed hospital
- Completed clinical rotations in various departments of the hospital to observe and witness clinical procedures and clinical workflow
- Performed technology assessments of various medical technologies including IV pumps, Cardiovascular Information Systems and Alarm Notification Systems
- Coordinated and managed implementation of Secondary Alarm Notification System interfacing with the hospital's Patient Monitoring and Nurse Call system
- Trained as System Administrator for the Philips Intellispace Event Management System
- Conducted cost benchmarking analysis of the Clinical Engineering department at Baystate Health
- Attended a training course in Project Management organized by the New England Society of Clinical Engineering

## Research Experience

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### Master's Thesis Project, University of Connecticut and Baystate Health

Aug 2011 –

Present

#### *A Stochastic Simulation Model of Alarm Response Strategies on a Telemetry Floor*

- Creating a simulation model of alarm response processes on a cardiac telemetry floor to determine sources of alarm fatigue
- Researching strategies for determining appropriate escalation times for telemetry alarms for optimal response management and reduction of noise

### Advisor: Dr. Mark Lawley, Purdue University, West Lafayette, IN

May – Aug 2008

#### *Patient scheduling in a primary care clinic*

- Conducted time studies for patient scheduling in a primary care clinic in Indianapolis
- Built a basic simulation model for patient flow in a primary-care clinic

## Organizations/Activities

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- Miracle Worker at Baystate Children's Hospital
- New England Society of Clinical Engineering (NESCE), Member
- American College of Clinical Engineering (ACCE), Associate Member
- Association for the Advancement of Medical Instrumentation (AAMI), Member
- AAMI Alarms Summit 2011, Participant