

Gary Lorden

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Objective

A driven clinical engineer seeking a challenging and interesting job opportunity. Motivated to positively impact the lives of others through healthcare technology.

Education

University of Connecticut, Storrs, CT
B.S, Biomedical Engineering; May 2017

University of Connecticut, Storrs, CT
M.S, Biomedical Engineering; May 2019
Concentration: Clinical Engineering

Experience

Clinical Engineer for UMass Memorial Medical Center, Worcester, MA. August 2017-Present

- Project manager for capital equipment purchases, new construction projects, department relocations, and device integrations. Responsible for technical evaluations, purchasing, install, networking, and integration coordination
- Assisted in large scale projects such as EPIC Go-Live, Philips PIIC iX upgrades, Ultrasound Replacement Strategy, and Bed Replacement Program
- Led project to purchase SPO2 monitoring equipment in the NICU for multi-hospital research program
- Created and edited standard processes for tasks including EKG wireless upgrades and alarm analysis
- Worked closely with the Information Services department on medical equipment interoperability
- Developed and wrote hospital policy for Medical Device Cybersecurity
- Attended multiple committee meetings including, Capital, Alarms, Laser Safety, and Project Leadership Team
- Presented capnography project proposal to Moderate Sedation Committee
- Collected and analyzed clinical alarms from our telemetry system
- Implemented improvements to our project intake and documentation process
- Assisted in rollout of our AEM program
- Cleaned and sorted our department storage areas using Six Sigma Lean organization techniques
- Started shadowing program to observe biomed technicians during repairs and preventive maintenance

Clinical Engineering Intern for UMass Memorial Medical Center, Worcester, MA. May 2016-August 2016

- Worked with vendors to acquire quotes for new equipment
- Reviewed and prepared capital funding requests
- Reviewed ECRI alerts and helped organize TMS database

Engineering Intern for ThermoFisher Scientific, Bedford, MA. May 2015-August 2015

- Completed ceric sulfate second source lab project, manufacturing financials project, and solubility studies

Intern for Nashoba Orthopedics and Sports Medicine, Ayer, MA. June 2012- August 2012

- Shadowed Dr. Stephen Simpson, Orthopedic surgeon

Laborer for Benjamin Builders, Lunenburg, MA. June 2009 – May 2015

- Worked as a team and individually to complete hands on tasks
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Technical Skills

MATLAB	Python	MiniTab	Microsoft Office
LabVIEW	Solidworks	Arduino	CMMS Management

Affiliations and Certifications

Lean Six Sigma Yellow belt and White belt	AAMI
Basic and Advanced Networking Certification- CT Comp	American College of Clinical Engineering (ACCE)
Laser Safety Awareness Certification	New England Society of Clinical Engineering (NESCE)

Activities

Groton School Basketball assistant coach	Desh-Mac Jimmy Fund Tournament
UConn Women's Basketball practice player	Autism Speaks road race volunteer
Biomedical Engineering Society	Cartilage Research with Dr. David Pierce

Awards and Honors

Senior Design Project placed 2nd out of all UConn biomedical engineering projects
Alpha Lambda Delta Honor Society, University of Connecticut, Storrs, CT. December 2014 – 2017
New England Scholar, University of Connecticut, Storrs, CT. Spring 2016-Spring 2017