

# IAN-REGEE GARCIA

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<b>EDUCATION</b>	<b>University of Connecticut, Storrs, CT</b> Masters of Biomedical Engineering <i>Concentration: Clinical Engineering</i>	May 2019
	Bachelor of Science in Biomedical Engineering <i>Concentration: Bioinstrumentation, Electronics &amp; Systems</i>	May 2016
<b>EXPERIENCE</b>	<b>Brigham and Women's Hospital</b> Boston, MA <i>Clinical Engineer</i>	August 2017 – Present
	<ul style="list-style-type: none"><li>• Led renovations and technology assessment for a new Oncology unit through all stages of project lifecycle</li><li>• Coordinated capital replacement effort of exam tables across multiple off-site clinics to improve standardization and meet ADA accessibility requirements</li><li>• Oversaw technical work related to device incomings, installations and removals</li><li>• Team member in hospital-wide replacement of defibrillators, in particular supporting incoming inspections, allocating assets to appropriate units and deployment/ removal</li><li>• Assisted with integration of devices including network connectivity, regression testing, cabling and installation specifications</li><li>• Analyzed clinical impact and appropriate corrective actions to device recalls and alerts</li><li>• Developed familiarity with GE Carescape network infrastructure</li><li>• Redistributed preventative maintenance (PM) workload for a technician team to improve monthly PM compliance</li><li>• Completed safety investigations in response to medical device related incidents</li><li>• Conducted evaluations for new models of devices to ensure appropriate technical/ user references and device specifications have been collected and identified</li><li>• Assisted with TJC compliance regarding an AEM program by creating procedure listings within our CMMS for high-risk/ life support level devices</li></ul>	
	<b>Middlesex Hospital</b> Middletown, CT <i>Clinical Engineering Volunteer</i>	June 2016 – July 2017
	<ul style="list-style-type: none"><li>• Performed incoming inspections of vital sign monitors prior to installment</li><li>• Conducted preliminary cost analysis of high flow oxygen devices</li><li>• Managed monthly radiology reports ensuring proper redistribution to the appropriate doctors and patients</li><li>• Inventoried contrast injectors to confirm a correct preventative maintenance schedule was being executed</li><li>• Collected preventative maintenance information from service manuals and databases for Joint Commission Alternative Equipment Maintenance reports</li></ul>	
	<b>Electric Boat</b> Groton, CT <i>Human Factors Engineering Intern</i>	Summer 2014 & Summer 2015
	<ul style="list-style-type: none"><li>• Evaluated ship designs to comply with human capabilities and limitations as defined by government documents (ASTM 1166)</li><li>• Created document highlighting key Human Engineering specifications to streamline design considerations</li><li>• Cataloged design concerns and hazards reported on previous ships</li></ul>	
<b>SKILLS</b>	CompTIA Basic Network+ Project Management Root Cause Analysis/FMEA TMS CMMS	MATLAB Java LabVIEW Microsoft Office
<b>AFFILIATIONS</b>	Association for the Advancement of Medical Instrumentation American College of Clinical Engineering New England Society of Clinical Engineering	Fall 2017 – Present Fall 2017 – Present Fall 2017 – Present